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Statistical Series **98-18**

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Alberta's Reserves 1997

crude oil
oil sands
gas
natural gas liquids
sulphur

Alberta Energy and Utilities Board

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December 1997

Alberta Energy and Utilities Board

ALBERTA ENERGY AND UTILITIES BOARD
RESERVE REPORT STATISTICAL SERIES 18

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HIGHLIGHTS

RESERVES	1997	1996	Change
Conventional crude oil			
Initial established $(10^6\ m^3)$	2 451.7	2 414.1	+ 37.5
Remaining established $(10^6\ m^3)$	326.8	341.8	- 15.0
Crude bitumen (developed surface-mineable projects)			
Initial established $(10^6\ m^3)$	644.0	644.0	-
Remaining established $(10^6\ m^3)$	340.0	360.1	- 20.1
Crude bitumen (developed in situ projects)			
Initial established $(10^6\ m^3)$	376.7	390.6	- 13.9
Remaining established $(10^6\ m^3)$	274.0	300.7	- 26.7
Natural gas[a]			
Initial established			
Volume $(10^9\ m^3)$	3 716.6	3 683.5	+ 33.1
Energy $(10^{18}\ J)$	142.8	141.5	+ 1.3
Remaining established			
Volume $(10^9\ m^3)$	1 283.9	1 378.1	- 94.1[b]
Energy $(10^{18}\ J)$	49.2	52.7	- 3.6[b]

PRODUCTION	1997	1996	Change
Conventional crude oil $(10^6\ m^3)$	52.5	54.8	- 2.3
Crude bitumen (surface-mineable) $(10^6\ m^3)$	20.1	18.9	+ 1.2
Crude bitumen (in situ) $(10^6\ m^3)$	12.8	9.2	+ 3.6
Natural gas			
Volumes $(10^9\ m^3)$	127.3[c]	121.6[d]	+ 5.7

---

[a] Volumes are on an actual heating value basis.

[b] Discrepancies are due to rounding.

[c] The official net production of natural gas, as determined from production reports for 1997 was 132.7 billion cubic metres.

[d] The official net production of natural gas, as determined from production reports for 1996 was 131.3 billion cubic metres.

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PREFACE

This is the principal report of the Alberta Energy and Utilities Board on Alberta's reserves of conventional crude oil, bitumen, synthetic crude oil, gas, natural gas liquids, and sulphur; it includes estimates of initial and remaining established reserves and ultimate potential. It is updated annually from the Board's records, and this edition reflects changes that have occurred to the end of 1997.

The information in Tables 2-6 and 4-5 and more detailed information on the reserves of gas pools is available on diskette, magnetic tape and cartridge tape. The gas reserve details are also available on COM-microfiche (Statistical Series 98-35). To obtain copies of the diskettes, magnetic tapes, cartridge tapes or Statistical Series 98-35 contact the EUB's Information Services, main floor, Energy Resources Building (297-8190).

On 9 March 1994, a **Common Reserves Data Base Agreement** was signed between the Energy Resources Conservation Board and the National Energy Board. Included in the agreement was a commitment to establish a set of common reserves data bases. This is the fourth reserves report in which Table 2-6 (the Reserves of Crude Oil and Basic Data), and Table 4-2 (the Reserves of Gas and Basic Data) are identified as representing the official reserve estimates of both the EUB and the NEB for the province of Alberta.

The data bases used to prepare this report are those developed and utilized by the staff of the EUB. However, as a result of the above noted agreement, input was obtained from the NEB through an ongoing process of oil and gas reserve studies. Also, the EUB and NEB are working together to review unconnected natural gas reserves in the province. The third phase of that review, covering the unconnected pools discovered up to 1987, has been completed. The results are reflected in Table 4-2 and described in Chapter 4, Section 4.5 of this report.

General enquiries respecting this report should be directed to L. A. Samson. Enquiries respecting specific sections should be directed as follows:

Chapter	**Coordinators, Group**	
1, 8, and 9	L. A. Samson, Resource Appraisal	297-8493
2	A. Burrowes, Resource Appraisal	297-8566
3 In situ	J. Brady, Reservoir Applications	297-2887
3 Mining	J. Farnell, Mine Development	297-2891
4, 5, 6 and 7	N. Ramdin, Resource Appraisal	297-3580

The Board gratefully acknowledges the work of these staff members and many others in preparing this report.

1 TERMINOLOGY

1.1 SI Units

Alberta's Reserves of Crude Oil, Oil Sands, Gas, Natural Gas Liquids, and Sulphur are presented in the International System of Units (SI). The provincial totals and a few other major totals are shown in both SI units and the imperial equivalents in the various tables.

Conversion factors used in calculating the imperial equivalents are listed below:

1 cubic metre of gas (101.325 kilopascals and 15° Celsius) = 35.493 73 cubic feet of gas (14.65 psia and 60° Fahrenheit)

1 cubic metre of ethane (equilibrium pressure and 15° Celsius) = 6.33 Canadian barrels of ethane (equilibrium pressure and 60° Fahrenheit)

1 cubic metre of propane (equilibrium pressure and 15° Celsius) = 6.300 0 Canadian barrels of propane (equilibrium pressure and 60° Fahrenheit)

1 cubic metre of butanes (equilibrium pressure and 15° Celsius) = 6.296 8 Canadian barrels of butanes (equilibrium pressure and 60° Fahrenheit)

1 cubic metre of oil or pentanes plus (equilibrium pressure and 15° Celsius) = 6.292 9 Canadian barrels of oil or pentanes plus (equilibrium pressure and 60° Fahrenheit)

1 cubic metre of water (equilibrium pressure and 15° Celsius) = 6.290 1 Canadian barrels of water (equilibrium pressure and 60° Fahrenheit)

1 tonne = 0.984 206 4 (U.K.) long tons (2240 pounds)

1 tonne = 1.102 311 short tons (2000 pounds)

1 kilojoule = 0.948 213 3 British thermal units (Btu as defined in the federal Gas Inspection Act (60°-61° Fahrenheit))

1.2 Reserves Terminology

The reserves terminology used in this report applies to all fossil energy resources (including coal) and is as follows:

1 **Initial Volume in Place:** The volume of crude oil, crude bitumen, or raw natural gas calculated or interpreted to exist in a reservoir before any volume has been produced.

2 **Established Reserves:** Those reserves recoverable under current technology and present and anticipated economic conditions, specifically proved by drilling, testing, or production; plus that judgement portion of contiguous recoverable reserves that are interpreted from geological, geophysical, or similar information, with reasonable certainty to exist.

3 **Initial Established Reserves:** Established reserves prior to the deduction of any production.

4 **Remaining Established Reserves:** Initial established reserves less cumulative production.

5 **Ultimate Potential:** An estimate of the initial established reserves that will have been developed in an area by the time all exploratory and development activity has ceased, having regard for the geological prospects of that area and anticipated technology and economic conditions.

Ultimate potential includes cumulative production, remaining established reserves, and future additions through extensions and revisions to existing pools and the discovery of new pools. Ultimate potential can be expressed by the following simple formula:

Ultimate potential = initial established reserves
+ additions to existing pools
+ future discoveries.

The above terminology and definitions, which were recommended by the Inter-Provincial Advisory Committee on Energy, have been adopted by the Board.

1.3 Definitions of Other Terms

Area	The area used to determine the bulk rock volume of the oil-, crude bitumen-, or gas-bearing reservoir, usually the area of the zero isopach or the assigned area of a pool or deposit.
Butanes	In addition to its normal scientific meaning, a mixture mainly of butanes which ordinarily may contain some propane or pentanes plus. (Oil and Gas Conservation Act, section 1(1)(c.1))
Compressibility Factor	A correction factor for non-ideal gas determined for gas from a pool at its initial reservoir pressure and temperature and, where necessary, including factors to correct for acid gases.
Condensate	A mixture mainly of pentanes and heavier hydrocarbons that may be contaminated with sulphur compounds, that is recovered or is recoverable at a well from an underground reservoir and that may be gaseous in its virgin reservoir state but is liquid at the conditions under which its volume is measured or estimated. (Oil and Gas Conservation Act, section 1(1)(d.1))
Crude Bitumen	A naturally occurring viscous mixture, mainly of hydrocarbons heavier than pentane, that may contain sulphur compounds and that, in its naturally occurring viscous state, will not flow to a well. (Oil Sands Conservation Act, section 1(1)(f))

Crude Oil (Conventional)	A mixture mainly of pentanes and heavier hydrocarbons that may be contaminated with sulphur compounds, that is recovered or is recoverable at a well from an underground reservoir, and that is liquid at the conditions under which its volume is measured or estimated, and includes all other hydrocarbon mixtures so recovered or recoverable except raw gas, condensate or crude bitumen. (Oil and Gas Conservation Act, section 1(1)(f.1))
Crude Oil (Heavy)	Crude oil will be deemed to be heavy crude oil if it has a density of 900 kg/m^3 or greater, but the Board, in a particular case, may classify crude oil otherwise than in accordance with this criterion, having regard to its market utilization and purchasers' classification. (Oil and Gas Conservation Regulations 10.030)
Crude Oil (Light-Medium)	Crude oil will be deemed to be light-medium crude oil if it has a density of less than 900 kg/m^3, but the Board, in a particular case, may classify crude oil otherwise than in accordance with this criterion, having regard to its market utilization and purchasers' classification.
Crude Oil (Synthetic)	A mixture, mainly of pentanes and heavier hydrocarbons, that may contain sulphur compounds, that is derived from crude bitumen and that is liquid at the conditions under which its volume is measured or estimated, and includes all other hydrocarbon mixtures so derived. (Oil and Gas Conservation Act, section 1(1)(t.1))
Datum Depth	The approximate average depth, relative to sea level, of the mid-point of an oil or gas productive zone for the wells in a pool.
Density	The mass or amount of matter per unit volume.
Density, Relative (Raw Gas)	The density, relative to air, of raw gas upon discovery, determined by an analysis of a gas sample representative of a pool under atmospheric conditions.
Discovery Year	The year in which the well which discovered the oil or gas pool finished drilling.
Ethane	In addition to its normal scientific meaning, a mixture mainly of ethane which ordinarily may contain some methane or propane. (Oil and Gas Conservation Act, section 1(1)(h.1))
Gas	Raw gas or marketable gas or any constituent of raw gas, condensate, crude bitumen, or crude oil that is recovered in processing and that is gaseous at the conditions under which its volume is measured or estimated. (Oil and Gas Conservation Act, section 1(1)(j.1))
Gas (Associated)	Gas in a free state in communication in a reservoir with crude oil, under initial reservoir conditions.

Gas (Marketable)	A mixture mainly of methane originating from raw gas, if necessary through the processing of the raw gas for the removal or partial removal of some constituents, and which meets specifications for use as a domestic, commercial, or industrial fuel or as an industrial raw material. (Oil and Gas Conservation Act, section 1(1)(m))
Gas (Marketable at 101.325 kPa and 15°C)	The equivalent volume of marketable gas at standard conditions.
Gas (Non-associated)	Gas that is not in communication in a reservoir with an accumulation of liquid hydrocarbons at initial reservoir conditions.
Gas (Raw)	A mixture containing methane, other paraffinic hydrocarbons, nitrogen, carbon dioxide, hydrogen sulphide, helium, and minor impurities, or some of them, which is recovered or is recoverable at a well from an underground reservoir and which is gaseous at the conditions under which its volume is measured or estimated. (Oil and Gas Conservation Act, section 1(1)(s.1))
Gas (Solution)	Gas that is dissolved in crude oil under reservoir conditions and evolves as a result of pressure and temperature changes.
Gas-Oil Ratio (Initial Solution)	The volume of gas (in cubic metres, measured under standard conditions) contained in one stock-tank cubic metre of oil under initial reservoir conditions.
Good Production Practice (GPP)	Production of crude oil or raw gas at a rate (i) not governed by a base allowable, but (ii) limited to what can be produced without adversely and significantly affecting conservation, the prevention of waste, or the opportunity of each owner in the pool to obtain his share of the production. (Oil and Gas Conservation Regulation 1.020(2)9) This practice is authorized by the Board either to improve the economics of production from a pool and thus defer its abandonment, or to avoid unnecessary administrative expense associated with regulation or production restrictions where this serves little or no purpose.
Gross Heating Value (of dry gas)	The heat liberated by burning moisture-free gas at standard conditions and condensing the water vapour to a liquid state.
Mean Formation Depth	The approximate average depth below kelly bushing of the mid-point of an oil or gas productive zone for the wells in a pool.

Methane	In addition to its normal scientific meaning, a mixture mainly of methane which ordinarily may contain some ethane, nitrogen, helium, or carbon dioxide. (Oil and Gas Conservation Act, section 1(1)(m.1))
Natural Gas Liquids	Propane, butanes, or pentanes plus, or a combination of them, obtained from the processing of raw gas or condensate. (Oil and Gas Conservation Act, section 1(1)(n))
Oil	Condensate or crude oil, or a constituent of raw gas, condensate, or crude oil that is recovered in processing, that is liquid at the conditions under which its volume is measured or estimated. (Oil and Gas Conservation Act, section 1(1)(n.1))
Oil Sands	(i) sands and other rock materials containing crude bitumen, (ii) the crude bitumen contained in those sands and other rock materials, and (iii) any other mineral substances, other than natural gas, in association with that crude bitumen or those sands and other rock materials referred to in subclauses (i) and (ii). (Oil Sands Conservation Act, section l(l)(o))
Oil Sands Deposit	A natural reservoir containing or appearing to contain an accumulation of oil sands separated or appearing to be separated from any other such accumulation. (Oil and Gas Conservation Act, section 1(1)(o.1))
Pay Thickness (Average)	The bulk rock volume of a reservoir of oil, oil sands, or gas, divided by its area.
Pentanes Plus	A mixture mainly of pentanes and heavier hydrocarbons which ordinarily may contain some butanes and which is obtained from the processing of raw gas, condensate, or crude oil. (Oil and Gas Conservation Act, section 1(1)(p))
Pool	A natural underground reservoir containing or appearing to contain an accumulation of oil or gas or both separated or appearing to be separated from any other such accumulation. (Oil and Gas Conservation Act, section 1(1)(q))
Porosity	The effective pore space of the rock volume determined from core analysis and well log data, measured as a fraction of rock volume.
Pressure (Initial)	The reservoir pressure at the reference elevation of a pool upon discovery.

Propane	In addition to its normal scientific meaning, a mixture mainly of propane which ordinarily may contain some ethane or butanes. (Oil and Gas Conservation Act, section 1(1)(s))
Recovery (Enhanced)	The increased recovery from a pool achieved by artificial means or by the application of energy extrinsic to the pool, which artificial means or application includes pressuring, cycling, pressure maintenance or injection to the pool of a substance or form of energy but does not include the injection in a well of a substance or form of energy for the sole purpose of (i) aiding in the lifting of fluids in the well, or (ii) stimulation of the reservoir at or near the well by mechanical, chemical, thermal or explosive means. (Oil and Gas Conservation Act, section 1(1)(h))
Recovery (Pool)	In gas pools, the fraction of the in-place reserves of gas expected to be recovered under the subsisting recovery mechanism.
Recovery (Primary)	Recovery of oil by natural depletion processes only, measured as a volume so recovered or a fraction of the in-place oil.
Saturation (Gas)	The fraction of pore space in the reservoir rock occupied by gas upon discovery.
Saturation (Water)	The fraction of pore space in the reservoir rock occupied by water upon discovery.
Shrinkage Factor (Initial)	The volume occupied by one cubic metre of oil from a pool, measured at standard conditions after flash gas liberation consistent with the surface separation process, divided by the volume occupied by the same oil and gas at the pressure and temperature of a pool upon discovery.
Solvent	A suitable mixture of hydrocarbons ranging from methane to pentanes plus, but consisting largely of methane, ethane, propane, and butanes, for use in enhanced-recovery operations.
Surface Loss	A summation of the fractions of recoverable gas that is removed as acid gas and liquid hydrocarbons, used as lease or plant fuel, or flared.
Temperature	The initial reservoir temperature upon discovery at the reference elevation of a pool.
Zone	Any stratum or any sequence of strata that is designated by the Board as a zone. (Oil and Gas Conservation Act, section 1(1)(z))

1.4 Standard Conditions of Gas Measurement

Volumes of gas are given as at a standard pressure and temperature of 101.325 kPa and 15 °C, respectively.

1.5 Symbols

The symbols used in tables throughout this report have the following meanings:

SI

°C	degree Celsius	M	mega
d	day	m	metre
ha	hectare	mol	mole
J	joule	T	tera
kg	kilogram	t	tonne
kPa	kilopascal		

Imperial

bbl	barrel	°F	degree Fahrenheit
Btu	British thermal unit	psia	pounds per square inch absolute
cf	cubic foot	psig	pounds per square inch gauge
d	day	stb	stock-tank barrel

1.6 Abbreviations

General Report

GIP	gas in place
GPP	good production practice
RF	recovery factor
RGE	range
STP	standard temperature and pressure
TWP	township
WM	west of a certain meridian

Computer Printout

General abbreviations, found chiefly in the computer printout, have the following meanings:

ABAND	abandoned
ADMIN 2	Administrative Area No. 2
ASSOC	associated gas
BDY	Boundary
BELL	Belloy
BER	beyond economic reach
BLAIR	Blairmore
BLSKY OR BLSK	Bluesky
BLUE	Blueridge
BNFF	Banff
BOW ISL or BI	Bow Island
BR	Belly River
BSL COLO	Basal Colorado
BSL MANN, BMNV or BMN	Basal Mannville
BSL QTZ	Basal Quartz
CADM or CDN	Cadomin

CARD	Cardium
CDOT	Cadotte
CH LK	Charlie Lake
CLWTR	Clearwater
CLY or COL	Colony
CMRS	Camrose
COMP	compressibility
DBLT	Debolt
DETR	Detrital
DISC YEAR	discovery year
ELRSL, ELERS or ELRS	Ellerslie
ELTN or ELK	Elkton
ERSO	enhanced-recovery scheme is in operation but no additional established reserves are attributed
FALH	Falher
FRAC	fraction
GEN PETE or GEN PET	General Petroleum
GETH or GET	Gething
GLAUC or GLC	Glauconitic
GLWD	Gilwood
GOR	gas-oil ratio
GRD RAP or GRD RP	Grand Rapids
GROSS HEAT VALUE	gross heating value
GSMT	Grosmont
ha	hectare
HFWY	Halfway
INJ	injected
I.S.	integrated scheme
JUR or J	Jurassic
KB	kelly bushing
KISK	Kiskatinaw
KR	Keg River
LED	Leduc
LF	load factor
LIV	Livingston
LLOYD	Lloydminster
LMNV, LMN or LM	Lower Mannville
LOC EX PROJECT	local experimental project
LOC U	local utility
LOW or L	lower
LUSC	Luscar
MANN or MN	Mannville
MCM	McMurray
MED HAT	Medicine Hat
MID or M	middle
MILK RIV	Milk River
MOP	maximum operating pressure
MSKG	Muskeg
MSL	mean sea level
NGL	natural gas liquids
NIKA	Nikanassin
NIS	Nisku

NO.	number
NON-ASSOC	non-associated gas
NORD	Nordegg
NOTIK, NOTI or NOT	Notikewin
OST	Ostracod
PALL	Palliser
PEK	Pekisko
PM-PN SYS	Permo-Penn System
RF	recovery factor
RK CK	Rock Creek
RUND or RUN	Rundle
SA	strike area
SATN	saturation
SD	sandstone
SE ALTA GAS SYS (MU)	Southeastern Alberta Gas System - commingled
SG	gas saturation
SHUN	Shunda
SL	surface loss
SL PT	Slave Point
SOLN	solution gas
SPKY	Sparky
ST. ED	St. Edouard
SULPT	Sulphur Point
SUSP	suspended
SW	water saturation
SW HL	Swan Hills
TEMP	temperature
TOT	Total
TV	Turner Valley
TVD	true vertical depth
UIRE	Upper Ireton
UMNV, UMN or UM	Upper Mannville
UP or U	upper
VIK or VK	Viking
VOL	volume
WAB	Wabamun
WBSK	Wabiskaw
WINT	Winterburn
WTR DISP	water disposal
WTR INJ	water injection
1ST WHITE SPKS OR 1WS	First White Specks
2WS	Second White Specks

Company Names

The following is a list of abbreviations which are used for certain company names:

AEC	Alberta Energy Company Ltd.
AEL	Anderson Exploration Ltd.
ALTROAN	Altana Exploration Company/Roan Resources Ltd.
AMOCO	Amoco Canada Petroleum Company Ltd.
APACHE	Apache Canada Ltd.

BARRING	Barrington Petroleum Ltd.
BEAU	Beau Canada Exploration Ltd.
BLUERGE	Blue Range Resource Corporation
CAN88	Canadian 88 Energy Corp.
CANOR	Canor Energy Ltd.
CANOXY	Canadian Occidental Petroleum Ltd.
CANST	Canstates Gas Marketing
CDNFRST	Canadian Forest Oil Ltd.
CENTRA	Centra Gas Alberta Inc.
CGGS	Canadian Gas Gathering Systems Inc.
CHAUVCO	Chauvco Resources Ltd.
CHEL	Canadian Hunter Exploration Ltd.
CHEVRON	Chevron Canada Resources
CMG	Canadian-Montana Gas Company Limited
CNRL	Canadian Natural Resources Limited
CNWE	Canada Northwest Energy Limited
CONOCO	Conoco Canada Limited
CONWEST	Conwest Exploration Company Limited
CRESTAR	Crestar Energy Inc.
CTYMEDH	City of Medicine Hat
CWNGNUL	Canadian Western Natural Gas Company Limited and Northwestern Utilities Limited
DART	Dartmouth Power Associates Limited Partnership
DIRECT	Direct Energy Marketing Limited
DUKE	Duke Energy Marketing Limited Partnership
DYNALTA	Dynalta Energy Corporation
ENCAL	Encal Energy Ltd.
ENGAGE	Engage Energy Canada, L.P.
GARDNER	Gardiner Oil and Gas Limited
GULF	Gulf Canada Resources Limited
HUSKY	Husky Oil Ltd.
IOL	Imperial Oil Resources Limited
LOMALTA	Lomalta Petroleums Ltd.
METGAZ	Metro Gaz Marketing
MOBIL	Mobil Oil Canada
MORRIS	Morrison Petroleums Ltd.
NORCEN	Norcen Energy Resources Limited
NORTHEX	Northridge Exploration Ltd.
NRTHSTR	Northstar Energy Corporation
PANALTA	Pan-Alberta Gas Ltd.
PANCDN	PanCanadian Petroleum Limited
PARAMNT	Paramount Resources Ltd.
PAWTUCK	Pawtucket Power Associates Limited Partnership
PCOG	Petro-Canada Oil and Gas
PINCL	Pinnacle Resources Ltd.
POCO	Poco Petroleums Ltd.
PROGAS	ProGas Limited
QUEBEC	3091-9070 Quebec
RANGER	Ranger Oil Limited
RENENER	Renaissance Energy Ltd.
RIFE	Rife Resources Ltd.
RIOALTO	Rio Alta Exploration Ltd.

SASKEN	SaskEnergy Incorporated
SCEPTRE	Sceptre Resources Limited
SHELL	Shell Canada Limited
SHERRIT	Sherritt Inc.
SIMPLOT	Simplot Canada Limited
SUMMIT	Summit Resources Limited
SUNCOR	Suncor Energy Inc. (Oil Sands Group)
SYNCRUDE	Syncrude Canada Ltd.
TALISMA	Talisman Energy Inc.
TARRAGN	Tarragon Oil and Gas Limited
TCPL	TransCanada PipeLines Limited
ULSTER	Ulster Petroleums Ltd.
UNOCAL	Unocal Canada Limited
WAINOCO	Wainoco Oil Corporation
WASCANA	Wascana Energy Inc.
WEBEX	Webex Resources Ltd.

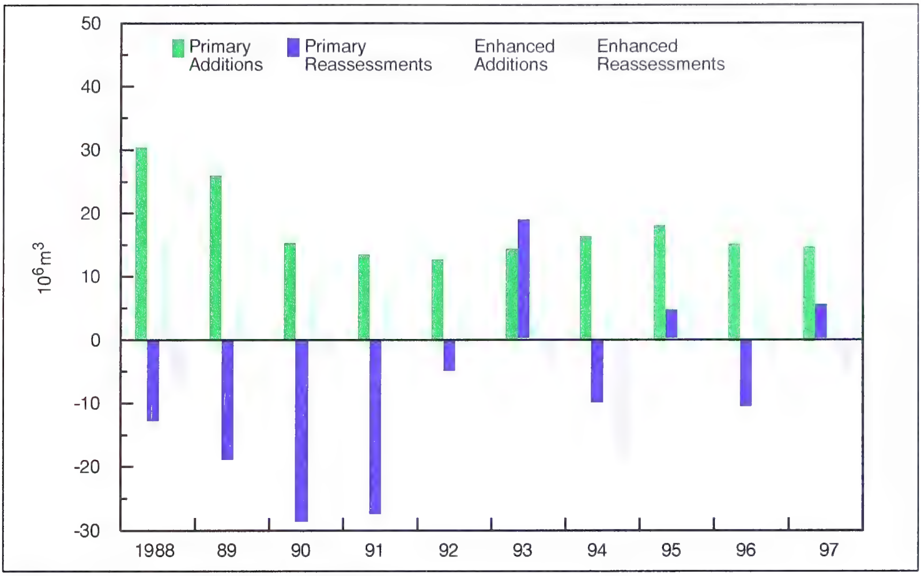

Figure 2-1 Light - Medium Crude Oil.
Reserve Additions and Reassessments

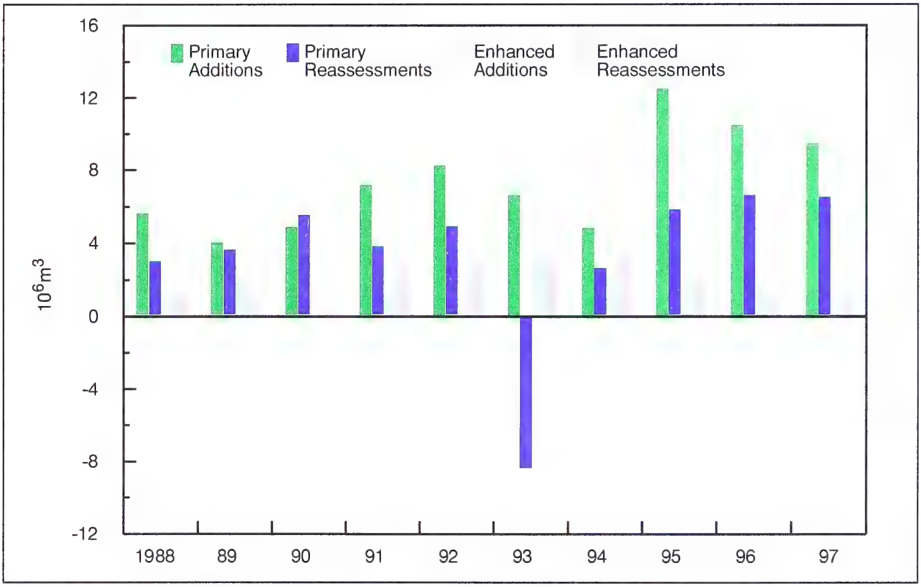

Figure 2-2 Heavy Crude Oil.
Reserve Additions and Reassessments

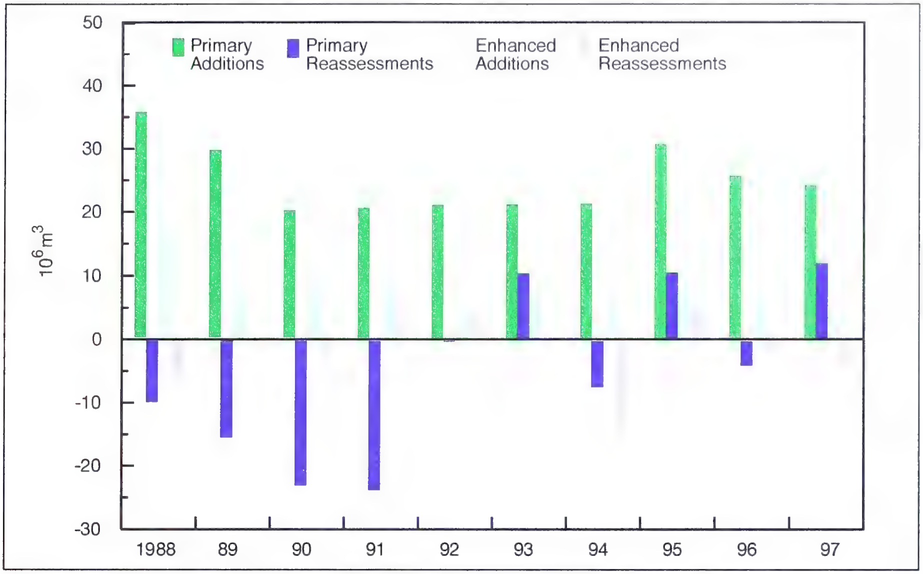

Figure 2-3 Total Conventional Crude Oil.
Reserve Additions and Reassessments

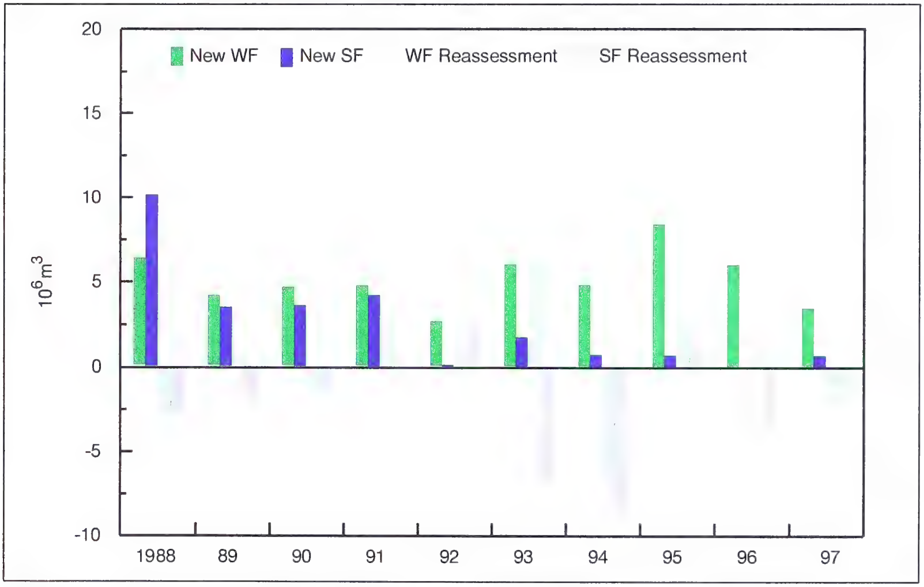

Figure 2-4 Total Conventional Crude Oil.
Changes to Enhanced Recovery Schemes

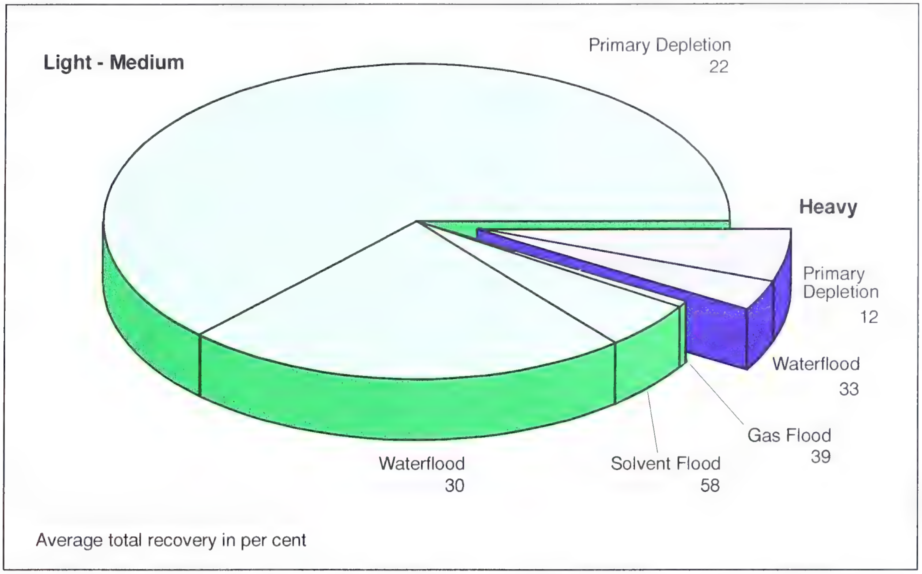

Figure 2-5 Reserves of Conventional Crude Oil Attributable to Various Recovery Mechanisms and Their Recovery Factors

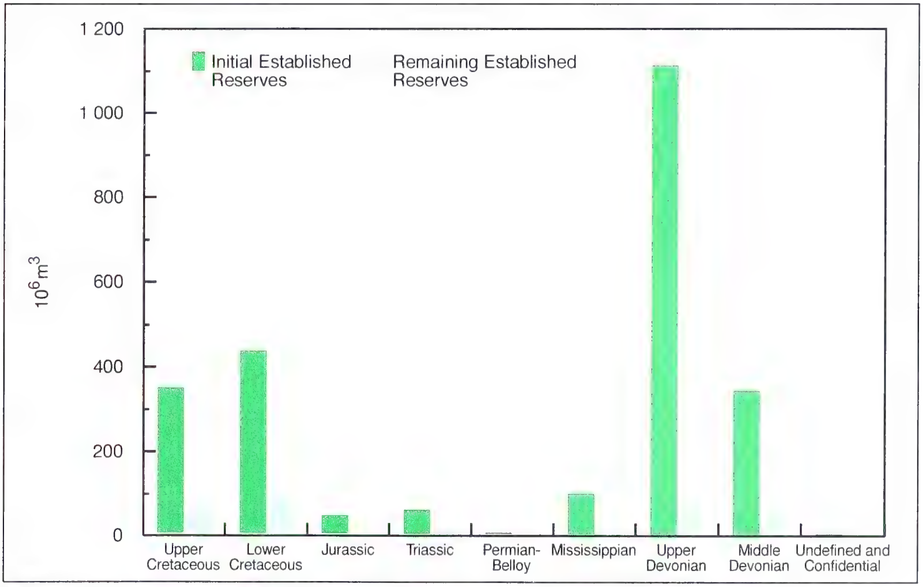

Figure 2-6 Geological Distribution of Reserves of Conventional Crude Oil

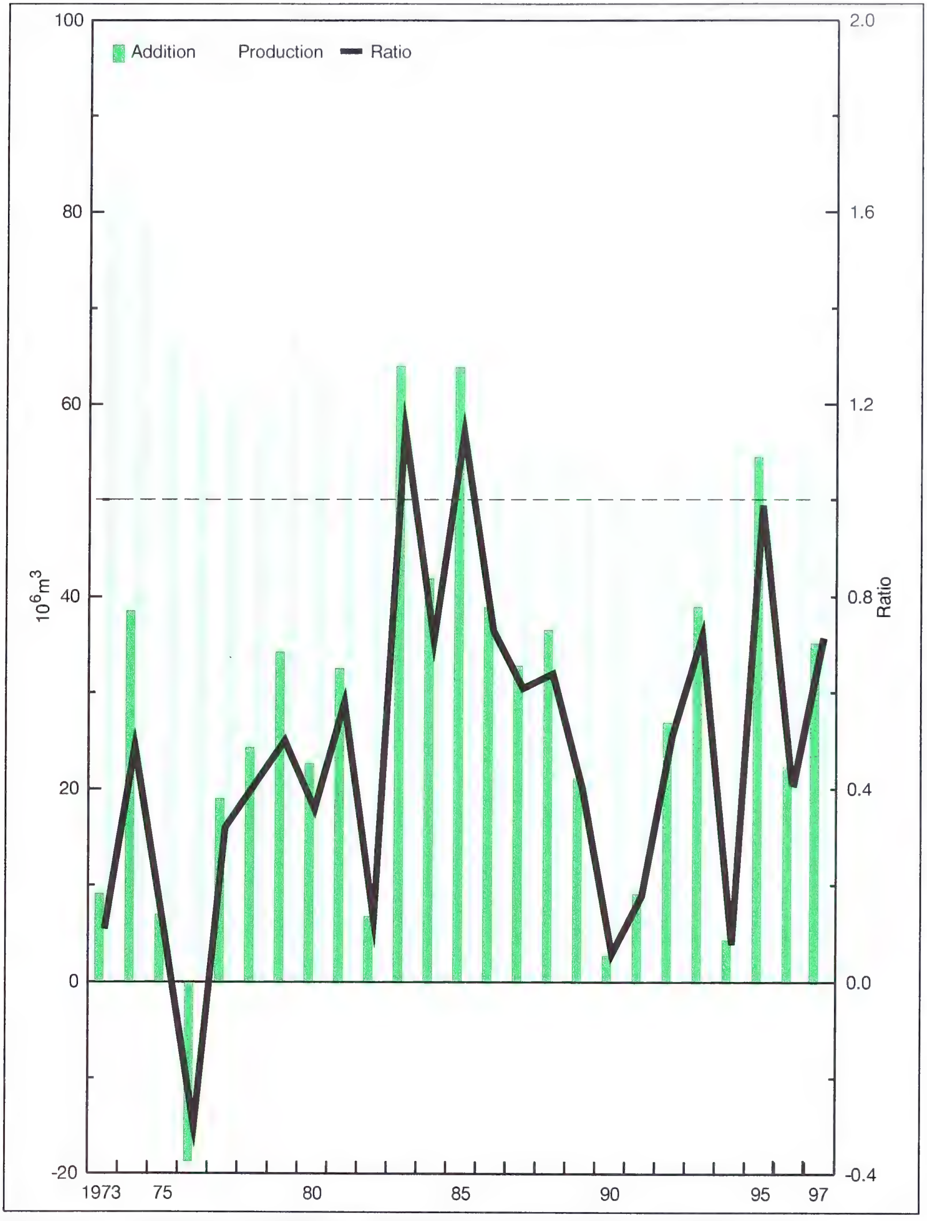

Figure 2-7 Additions to Established Reserves of Conventional Crude Oil and Replacement Ratio

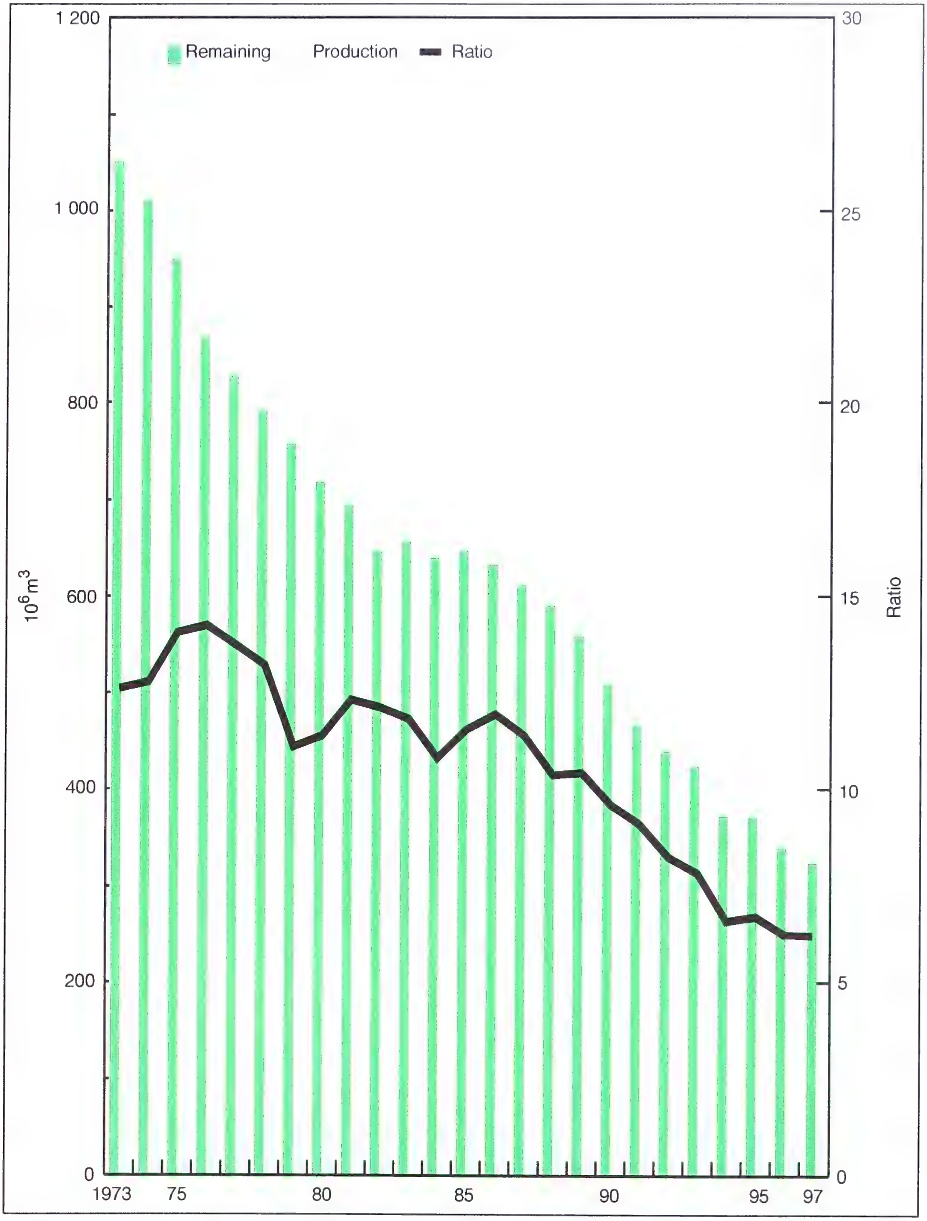

Figure 2-8 **Remaining Established Reserves of Conventional Crude Oil and Reserves / Production Ratio**

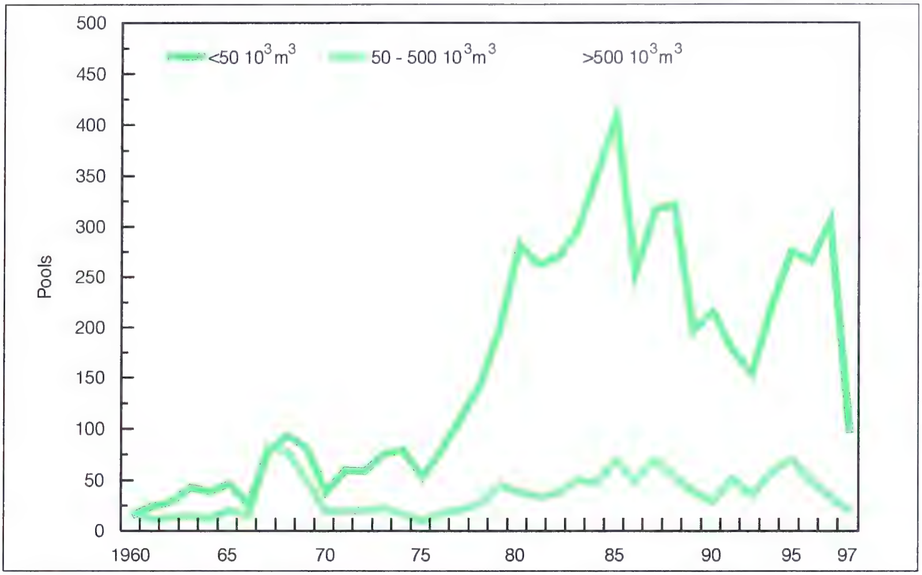

Figure 2-9 Number of Oil Pools Discovered by Size and Discovery Year

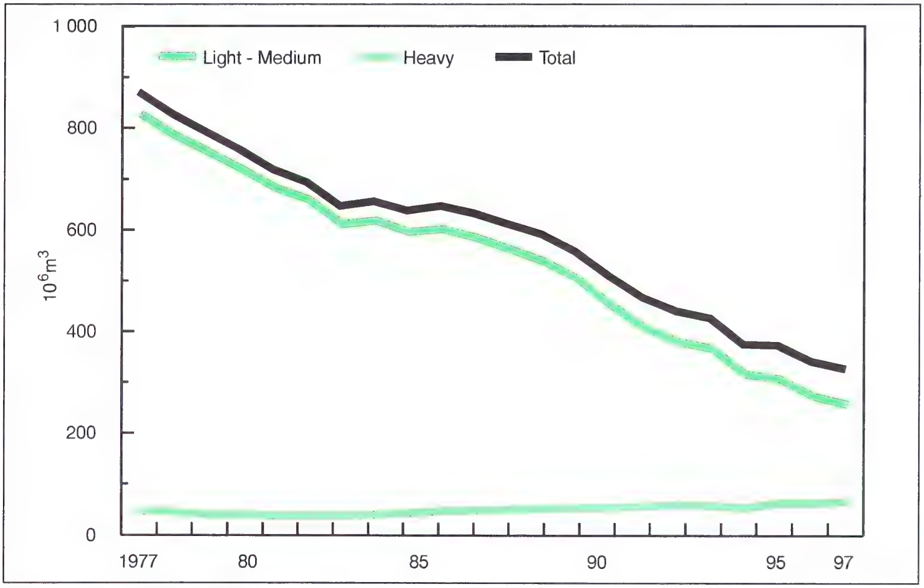

Figure 2-10 Remaining Established Reserves of Conventional Crude Oil

2 RESERVES OF CONVENTIONAL CRUDE OIL

2.1 Provincial Summary

The Board estimates the remaining established reserves of conventional crude oil in Alberta to be 327 million cubic metres at year-end 1997. This is a net decrease from year-end 1996 of 15 million cubic metres as a result of all reserve adjustments less production that occurred during 1997.

The initial established reserves attributed to new pools booked in 1997 (411) totalled 8.5 million cubic metres (20.7 thousand cubic metres per pool) while development of new and existing oil pools during 1997 added initial established reserves of 16.1 million cubic metres. New and expanded enhanced recovery schemes added initial established reserves of 4.2 million cubic metres. These reserve additions total initial established reserves of 28.8 million cubic metres, or about 55 per cent of Alberta's 1997 conventional crude oil production of 52.5 million cubic metres. Reassessment of existing reserves added another 8.7 million cubic metres.

At year-end 1997, oil reserves were assigned to some 6300 light-medium and 2100 heavy crude oil pools in the province.

The changes in reserves and cumulative production for light-medium and heavy crude oil to year-end 1997 are shown below:

	1997 10^6 m^3	1996 10^6 m^3	Change 10^6 m^3
Initial Established Reserves[a]			
Light-Medium	2 169.2	2 149.4	+ 19.9
Heavy	282.4	264.8	+ 17.7
Total	2 451.7 (15 428)[c]	2 414.1 (15 192)[c]	+ 37.5
Cumulative Production[a]			
Light-Medium	1 910.0	1 873.7	36.4[b]
Heavy	214.8	198.6	16.1[b]
Total	2 124.8	2 072.3	52.5
Remaining Established Reserves[a]			
Light-Medium	259.2	275.7	- 16.5
Heavy	67.7	66.1	+ 1.5
Total	326.8 (2 057)[c]	341.8 (2 151)[c]	- 15.0

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[a] Discrepancies are due to rounding.

[b] Discrepancies may exist with actual production as reported in Statistical Series 98-17.

[c] Imperial equivalent in millions of stock-tank barrels.

2.2 Summary of Reserve Changes

Contributions to the overall net increase in initial established reserves during 1997 are summarized below:

	Initial Established Reserves		
	Light-Medium 10^6 m^3	Heavy Crude 10^6 m^3	Total 10^6 m^3
New Discoveries	6.4	2.2	8.5[a]
Development of Existing Pools	8.7	7.4	16.1
Enhanced Recovery (New Schemes/Expansions)	3.3	0.9	4.2
Reassessment	1.5	7.2	8.7
Total	19.9	17.7	37.5[a]

---

a Discrepancies are due to rounding.

For more detail on oil reserve growth and distribution, see Figures 2-1 to 2-10.

2.3 Distribution of Oil Reserves by Pool Size

The distribution of initial and remaining reserves of conventional crude oil among pools of different size ranges is shown below. Of the 8444 pools at year-end 1997, 5190 or 61 per cent are single well pools.

Reserve Range	Pools		Initial Established Reserves		Remaining Established Reserves	
10^3m^3	number	percentage of total	10^3m^3	percentage of total	10^3m^3	percentage of total
1000 or more	259	3.07	2 038 527.0	83.15	210 573.1	64.42
100-999	984	11.65	296 931.7	12.11	74 509.8	22.80
30-99	1 344	15.92	73 683.4	3.01	24 988.3	7.65
1-29	5 857	69.36	42 510.2	1.73	16 776.3	5.13
Total	8 444	100.00	2 451 652.3 (15 428)[a]	100.00	326 847.5 (2 057)[a]	100.00

---

a Imperial equivalent in millions of stock-tank barrels.

2.4 Other Tables

The following tables provide further information on oil reserve trends and geological distribution:

Table 2-1 Major light-medium reserve changes.
Table 2-2 Major heavy crude reserve changes.
Table 2-3 Oil reserves by crude oil type and recovery mechanism.
Table 2-4 Oil reserves by geological period and crude-oil type.
Table 2-5 Oil reserves by geological formation.

Table 2-6 lists reserves and reservoir factors to year-end 1997 for each designated non-confidential crude-oil pool in Alberta. Reserve totals for undefined and confidential pools are shown separately at the end of each section.

2.5 Other Matters

The map included in the back pocket of this report will assist the reader interested in the geographic distribution of reserves and in locating the fields and pools listed in Table 2-6. The approximate location of each field is shown immediately following the field name. Fields have been coloured either green (for oil) or yellow (for gas) based on which had the higher initial energy content.

TABLE 2-1 Major Light-Medium Oil Reserve Changes[a]
1997

Pool	Initial Established Reserves 1997 10^3 m^3	Change 10^3 m^3	Main Reason for Change
Ante Creek North Triassic E	440.0	+ 393.0	Reassessment of initial volume in place
Cyn-Pem Cardium D	3 898.0	+ 908.0	Pool development and reassessment of recovery factor
Enchant Arcs FF & GG	829.0	+ 908.0	Enhanced recovery recognition
Fenn-Big Valley D-2 A	49 770.0	+ 760.0	Reassessment of primary recovery factor
Homeglen-Rimbey D-3	2 961.0	+ 696.0	Reassessment of recovery factor
Hussar Glauconitic A	4 188.0	+ 488.0	Reassessment of recovery factor
Judy Creek Beaverhill Lake A	58 380.0	+ 590.0	Reassessment of initial volume in place and recovery factor
Kakwa A Cardium A	3 036.0	+ 584.0	Reassessment of initial volume in place and recovery factor
Rainbow Keg River F	19 290.0	+ 420.0	Enhanced recovery recognition
Rainbow South Keg River B	5 050.0	+ 721.0	Enhanced recovery recognition
Red Earth Slave Point A, Granite Wash A & VV	5 140.0	- 301.0	Pools commingled
Swan Hills Beaverhill Lake A & B	110 600.0	+ 622.0	Reassessment of initial volume in place and recovery factor
Valhalla Montney C	1 225.0	+ 613.0	Reassessment of initial volume in place and recovery factor
Virginia Hills Beaverhill Lake	29 120.0	+ 580.0	Reassessment of initial volume in place and recovery factor
Westerose D-3	24 180.0	+ 930.0	Reassessment of recovery factor
Westerose South D-3 A	2 056.0	+ 1 836.0	Reassessment of initial volume in place
Windfall D-3 A	3 350.0	+ 630.0	Reassessment of recovery factor
Wizard Lake D-3 A	54 300.0	- 3 500.0	Reassessment of initial volume in place and recovery factor

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[a] For a detailed listing of all reserve changes, refer to the supplement to this publication, Statistical Series 98-18A.

TABLE 2-2 Major Heavy Oil Reserve Changes[a] 1997

Pool	Initial Established Reserves		Main Reason for Change
	1997 10³ m³	Change 10³ m³	
Bigoray Pekisko A	527.0	+ 311.0	Pool development and reassessment of initial volume in place and recovery factor
Chauvin South Mannville MU No. 1	7 397.0	+ 1 447.0	Pool development and reassessment of initial volume in place and recovery factor
Dolcy Lloydminster C	648.0	+ 648.0	New pool and enhanced recovery recognition
Hayter Dina A	4 540.0	+ 493.0	Reassessment of primary recovery factor
Hayter Dina I	1 040.0	+ 236.0	Reassessment of recovery factor
Horsefly Lake Mannville	2 256.0	+ 760.0	Reassessment of initial volume in place and recovery factor
Jenner Upper Mannville JJJ	272.0	+ 213.0	Pool development
Johnson Glauconitic B	1 287.0	+ 254.0	Pool development
Medicine Hat Glauconitic C	3 092.0	+ 1 546.0	Reassessment of recovery factor
Morgan Sparky A, Lloyd A & Rex A	4 663.0	- 585.0	Pools commingled
Provost Upper Mannville BB	3 341.0	+ 531.0	Pool coalescence
Ronalane Sawtooth B	1 525.0	+ 283.0	Pool development
Strome Ellerslie D	462.0	+ 392.0	Pool development and reassessment of initial volume in place and recovery factor
Suffield Upper Mannville D	416.0	+ 327.0	Pool development
Taber Glauconitic K	1 929.0	+ 1 929.0	New pool and enhanced recovery recognition
Taber Taber N	1 896.0	- 1 306.0	Reassessment of initial volume in place and recovery factor
Taber North Glauconitic A	6 512.0	+ 2 058.0	Reassessment of initial volume in place and recovery factor
Viking-Kinsella Sparky E	598.0	+ 378.0	Pool development and reassessment of initial volume in place and recovery factor

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a For a detailed listing of all reserve changes, refer to the supplement to this publication, Statistical Series 98-18A.

TABLE 2-3 Summary of Reserves of Conventional Crude Oil Attributable to Various Recovery Mechanisms

As at 31 December 1997

	1	2	3	4	5	6	7	8	9
Crude-Oil Type and Pool Type	**Initial Volume in Place**	**Initial Established Reserves**				**Average Recovery**			
		Primary	**Waterflood/ Gasflood**	**Solvent Flood**	**Total[a]**	**Primary**	**Waterflood/ Gasflood**	**Solvent Flood**	**Total**
	10^6 m^3					fraction			
Light-Medium									
Primary Depletion	3 627.2	813.2	0.0	0.0	813.2	0.22	0.00	0.00	0.22
Waterflood	2 702.7	422.5	378.5	0.0	801.0	0.16	0.14	0.00	0.30
Solvent Flood	865.5	237.6	154.3	106.2	498.1	0.27	0.18	0.12	0.58
Gas Flood	145.5	46.9	10.1	0.0	57.0	0.32	0.07	0.00	0.39
Heavy									
Primary Depletion	1 404.3	163.9	0.0	0.0	163.9	0.12	0.00	0.00	0.12
Waterflood	359.3	37.8	80.7	0.0	118.5	0.11	0.22	0.00	0.33
Total	9 104.5 (57 293)[a]	1 721.9 (10 836)[a]	623.6 (3 924)[a]	106.2 (668)[a]	2 451.7 (15 428)[a]	0.19	0.07	0.01	0.27
Percentage of Total Initial Established Reserves		70.2	25.5	4.3	100.0				

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[a] Imperial equivalent in millions of stock-tank barrels.

TABLE 2-4 Distribution of Reserves of Conventional Crude Oil by Geological Period and Crude-Oil Type

As at 31 December 1997

	1	2	3	4	5	6	7	8	9	10	11	12
Geological Period	**Initial Volume in Place**			**Initial Established Reserves**			**Remaining Established Reserves**			**Average Recovery**		
	Light-Medium	**Heavy**	**Total**	**Light-Medium**	**Heavy**	**Total**	**Light-Medium**	**Heavy**	**Total**	**Light-Medium**	**Heavy**	**Total**
	10^6 m^3									fraction		
Cretaceous												
Upper	1 978.3	0.0	1 978.3	345.5	0.0	345.5	61.6	0.0	61.6	0.17	0.00	0.17
Lower	1 022.4	1 548.8	2 571.2	190.5	242.8	433.3	37.0	59.6	96.6	0.19	0.16	0.17
Jurassic	100.9	90.9	191.8	18.7	27.8	46.5	3.7	4.6	8.3	0.19	0.31	0.24
Triassic	271.3	19.7	291.0	58.7	2.0	60.7	14.5	0.3	14.8	0.22	0.10	0.21
Permian	13.8	0.0	13.8	6.7	0.0	6.7	0.5	0.0	0.5	0.49		0.49
Mississippian	584.3	65.1	649.4	92.4	6.7	99.1	12.0	1.6	13.6	0.16	0.10	0.15
Devonian												
Upper	2 386.9	23.4	2 410.3	1 109.9	2.4	1 112.3	78.6	0.9	79.5	0.46	0.10	0.46
Middle	938.0	0.0	938.0	342.7	0.0	342.7	48.3	0.0	48.3	0.37	0.00	0.37
Other	44.9	15.8	60.7	4.1	0.8	4.9	3.0	0.6	3.6	0.09	0.05	0.08
Total[a]	7 340.8 (46 195)[b]	1 763.7 (11 098)[b]	9 104.5 (57 293)[b]	2 169.2 (13 651)[b]	282.4[a] (1 777)[b]	2 451.7 (15 428)[b]	259.2 (1 631)[b]	67.7[a] (426)	326.8 (2 057)[b]	0.30	0.16	0.27

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a Discrepancies are due to rounding.

b Imperial equivalent in millions of stock-tank barrels

TABLE 2-5 Geological Distribution of Reserves of Conventional Crude Oil
As at 31 December 1997

Geological Distribution	1 Initial Volume in Place	2 Initial Established Reserves	3 Remaining Established Reserves	4 Initial Volume in Place	5 Initial Established Reserves	6 Remaining Established Reserves
	10^6 m^3			percentage of total		
Upper Cretaceous						
Belly River	244.5	32.9	7.6	2.7	1.3	2.3
Cardium	1 609.7	295.8	48.9	17.7	12.1	15.0
Second White Specks	28.7	2.4	0.8	0.3	0.1	0.2
Doe Creek	67.6	12.0	3.7	0.7	0.5	1.1
Dunvegan	21.1	1.4	0.3	0.2	0.1	0.1
Other	6.7	1.0	0.3	0.1	0.0	0.1
Subtotal	1 978.3	345.5	61.6	21.7	14.1	18.8
Lower Cretaceous						
Viking	314.7	59.7	5.4	3.5	2.4	1.7
Basal Colorado	12.0	2.2	0.2	0.1	0.1	0.1
Upper Mannville	1 370.7	202.8	53.3	15.1	8.3	16.3
Lower Mannville	870.3	168.3	37.6	9.6	6.9	11.5
Other	3.5	0.3	0.1	0.0	0.0	0.0
Subtotal	2 571.2	433.3	96.6	28.2	17.7	29.6
Jurassic						
Sawtooth	75.0	23.2	3.7	0.8	0.9	1.1
Rock Creek	20.8	2.7	0.5	0.2	0.1	0.2
Nordegg	75.2	15.6	3.3	0.8	0.6	1.0
Other	20.8	5.0	0.8	0.2	0.2	0.2
Subtotal	191.8	46.5	8.3	2.1	1.9	2.5
Triassic						
Charlie Lake	65.2	8.0	2.3	0.7	0.3	0.7
Boundary	50.9	10.9	2.7	0.6	0.4	0.8
Halfway	76.4	14.8	3.6	0.8	0.6	1.1
Montney	82.5	25.5	5.5	0.9	1.0	1.7
Other	16.0	1.4	0.7	0.2	0.1	0.2
Subtotal	291.0	60.6	14.8	3.2	2.5	4.5
Permian-Belloy	13.8	6.7	0.5	0.2	0.3	0.2
Mississippian						
Rundle	421.1	68.8	5.1	4.6	2.8	1.6
Pekisko	81.5	13.5	3.5	0.9	0.6	1.1
Banff	103.9	11.5	2.9	1.1	0.5	0.9
Other	42.9	5.4	2.1	0.5	0.2	0.6
Subtotal	649.4	99.2	13.6	7.1	4.0	4.2

TABLE 2-5 (continued)

Geological Distribution	1 Initial Volume in Place	2 Initial Established Reserves	3 Remaining Established Reserves	4 Initial Volume in Place	5 Initial Established Reserves	6 Remaining Established Reserves
	10^6 m^3			percentage of total		
Upper Devonian						
Wabamun	50.9	5.8	1.0	0.6	0.2	0.3
Nisku	382.0	186.1	12.5	4.2	7.6	3.8
Leduc	827.4	498.7	17.3	9.1	20.3	5.3
Beaverhill Lake	960.9	390.2	39.3	10.6	15.9	12.0
Slave Point	135.0	22.1	4.6	1.5	0.9	1.4
Other	54.1	9.4	4.8	0.6	0.4	1.5
Subtotal	2 410.3	1 112.3	79.5	26.5	45.4	24.3
Middle Devonian						
Gilwood	294.0	129.2	12.8	3.2	5.3	3.9
Sulphur Point	9.3	1.3	0.4	0.1	0.1	0.1
Muskeg	50.0	7.5	1.1	0.5	0.3	0.3
Keg River	485.0	173.1	28.5	5.3	7.1	8.7
Keg River SS	44.0	16.4	2.2	0.5	0.7	0.7
Granite Wash	55.6	15.2	3.3	0.6	0.6	1.0
Other	0.1	0.0	0.0	0.0	0.0	0.0
Subtotal	938.0	342.7	48.3	10.3	14.0	14.8
Undefined and Confidential	60.7	4.9	3.6	0.7	0.2	1.1
Total[a]	9 104.5 (57 293)[b]	2 451.7 (15 428)[b]	326.8 (2 057)[b]	100.0	100.0	100.0

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[a] Discrepancies in totals and subtotals are due to rounding.

[b] Imperial equivalent in millions of stock-tank barrels.

EUB

Reserves of Conventional Crude Oil and Basic Data

EUB – NEB
COMMON RESERVES DATABASE

Alberta Energy and Utilities Board

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
ACHESON 053-26W4								
BLAIRMORE A	879.0	0.17		149.0		149.0	137.7	11.3
BLAIRMORE B	111.0	0.15		16.7		16.7	9.2	7.5
BLAIRMORE C	375.0	<0.13		48.6		48.6	48.6	
BLAIRMORE F	370.0	0.25		92.5		92.5	82.5	10.0
BLAIRMORE J	304.0	0.25		76.0		76.0	62.9	13.1
BLAIRMORE K	1 250.0	0.15		188.0		188.0	166.7	21.3
BLAIRMORE L	289.0	<0.04		11.6		11.6	11.6	
BLAIRMORE P	183.0	<0.01		0.1		0.1	0.1	
BLAIRMORE S	139.0	<0.04		5.4		5.4	5.4	
BLAIRMORE V	198.0	<0.10		18.4		18.4	18.4	
BLAIRMORE X	99.8	0.15		15.0		15.0	13.6	1.4
BLAIRMORE Z	42.5	0.02		0.9		0.9	0.7	0.2
BLAIRMORE AA	78.3	0.05		3.9		3.9	2.5	1.4
BLAIRMORE BB	68.0	<0.08		5.2		5.2	5.2	
BLAIRMORE CC	27.4	<0.02		0.5		0.5	0.5	
BLAIRMORE EE	39.2	0.01		0.4		0.4	0.4	
BLAIRMORE D & I	2 319.0	0.15		348.0		348.0	317.9	30.1
ELLERSLIE A	172.0	<0.04		6.3		6.3	6.3	
ELLERSLIE B	96.8	0.15		14.5		14.5	8.3	6.2
ELLERSLIE C	101.0	<0.04		3.2		3.2	3.2	
DETRITAL A	50.6	<0.18		8.9		8.9	8.9	
DETRITAL C	62.2	<0.01		0.3		0.3	0.3	
DETRITAL E	199.0	<0.05		8.5		8.5	8.5	
DETRITAL F	77.6	0.10		7.8		7.8	0.7	7.1
WABAMUN A	229.0	<0.02		4.3		4.3	4.3	
WABAMUN B	92.5	0.05		4.6		4.6	3.7	0.9
D-2 A	775.0	0.60		465.0		465.0	448.3	16.7
D-2 B	98.1	0.35		34.3		34.3	28.1	6.2
D-2 C	175.0	0.25		43.8		43.8	20.7	23.1
D-2 D	13.5	<0.10		1.3		1.3	1.3	
D-3 A TOTAL	29 810.0			16 100.0	4 855.0	20 960.0	20 948.9	11.1
PRIMARY AREA	161.0	0.54		86.9		85.9		
SOLVENT FLOOD AREA	3 840.0	0.54	0.31	2 074.0	1 190.0	3 264.0		
WATER FLOOD AREA	25 810.0	0.54	0.14	13 940.0	3 665.0	17 610.0		
D-3 B	119.0	0.50		59.5		59.5	13.2	46.3
FIELD TOTAL	38 843.5			17 742.5	4 855.0	22 602.5	22 388.6	213.9
ACHESON EAST 052-25W4								
BLAIRMORE A	500.0	0.30		150.0		150.0	143.0	7.0
BLAIRMORE B	6 465.0	0.20		1 293.0		1 293.0	917.2	375.8
BLAIRMORE C	224.0	0.30		67.2		67.2	61.1	6.1
BLAIRMORE D	572.0	0.30		171.0		171.0	140.8	30.2
BLAIRMORE E	226.0	<0.14		29.8		29.8	29.8	
BLAIRMORE G	171.0	0.10		17.1		17.1	10.0	7.1
BLAIRMORE H	39.8	<0.05		1.9		1.9	1.9	
BLAIRMORE I	47.4	<0.17		7.8		7.8	7.8	
BLAIRMORE J	93.6	<0.06		4.9		4.9	4.9	
BLAIRMORE K	374.0	<0.02		6.7		6.7	6.7	
BLAIRMORE L	23.2	<0.02		0.4		0.4	0.4	
BLAIRMORE M	27.7	0.05		1.4		1.4	0.6	0.8
GLAUCONITIC A	67.6	<0.01		0.3		0.3	0.3	
BLAIRMORE F & GLAUCONITIC B	683.0	0.07		47.8		47.8	41.1	6.7
FIELD TOTAL	9 514.3			1 799.3		1 799.3	1 365.6	433.7
ADAMS 071-08W5								
GILWOOD A	34.2	<0.20		6.6		6.6	6.6	
GILWOOD B	93.3	0.25		23.3		23.3	20.9	2.4
FIELD TOTAL	127.5			29.9		29.9	27.5	2.4
ADEN 001-09W4								
BOW ISLAND B	221.0	<0.01		1.1		1.1	1.1	
FIELD TOTAL	221.0			1.1		1.1	1.1	
AERIAL 029-18W4								
VIKING A	275.0	<0.01		0.6		0.6	0.6	
MANNVILLE TOTAL	1 474.0			163.0	166.0	329.0	310.6	18.4
PRIMARY AREA	286.0	0.07		20.0		20.0		

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
323	1.86	0.220	0.18	0.81	83	839	54	9 196	-531.3	1 233.3	1952	92 12 - GPP
80	1.28	0.175	0.27	0.85	81	834	54	9 470	-543.7	1 263.8	1954	92 12 - GPP
48	6.81	0.187	0.27	0.84	82	834	56	9 174	-556.1	1 272.5	1954	96 06 - GPP
115	2.76	0.180	0.23	0.84	81	855	52	9 403	-554.4	1 275.5	1950	88 12 - GPP
25	10.97	0.185	0.25	0.80	84	839	52	9 503	-517.0	1 231.4	1960	94 10 - GPP
235	5.63	0.150	0.25	0.84	76	855	54	9 296	-537.8	1 250.9	1951	92 12 - GPP
129	1.74	0.214	0.25	0.80	53	855	54	9 471	-510.8	1 204.0	1950	74 12 - ABAND 74 06
64	3.50	0.170	0.40	0.80	77	840	51	8 988	-514.3	1 214.3	1980	83 12 - ABAND 85 07
16	7.60	0.187	0.27	0.84	82	834	56	9 549	-553.0	1 274.8	1954	97 12 - GPP
32	5.30	0.190	0.27	0.84	60	867	55	9 033	-555.8	1 274.2	1983	97 12 - GPP
16	5.50	0.180	0.25	0.84	68	853	56	9 208	-529.5	1 245.8	1951	91 12 - GPP
16	2.74	0.210	0.45	0.84	81	839	49	9 198	-527.0	1 245.5	1955	97 12 - GPP
16	5.18	0.150	0.25	0.84	76	855	54	9 174	-551.9	1 259.3	1969	97 12 - GPP
27	2.70	0.150	0.26	0.84	76	855	54	9 457	-546.0	1 265.7	1951	96 06 - GPP
16	1.70	0.160	0.25	0.84	51	850	54	9 267	-537.7	1 255.2	1952	95 02 - ABAND 94 09
16	2.70	0.180	0.40	0.84	81	839	49	9 329	-527.5	1 251.4	1965	92 09 - ABAND 92 06
752	3.54	0.170	0.39	0.84	81	839	49	9 071	-520.8	1 236.2	1950	88 12 - GPP
32	4.80	0.190	0.30	0.84	57	840	54	9 429	-567.2	1 275.6	1962	96 06 - GPP
16	5.00	0.210	0.28	0.80	70	835	72	9 136	-527.3	1 231.0	1982	96 12 - GPP
16	6.00	0.220	0.40	0.80	68	845	72	9 066	-513.8	1 191.5	1981	97 12 - GPP
32	1.65	0.190	0.40	0.84	81	840	54	9 754	-605.4	1 321.8	1951	94 11 - GPP
16	2.40	0.230	0.20	0.88	74	857	49	9 167	-584.9	1 301.8	1952	96 06
64	2.50	0.210	0.26	0.80	74	804	50	8 460	-584.1	1 295.8	1951	95 05 - ABAND 95 01
32	2.50	0.190	0.42	0.88	74	857	49		-617.0	1 338.9	1996	97 06 - GPP
16	28.80	0.090	0.35	0.85	60	885	42	7 940	-611.2	1 314.0	1982	97 12
64	8.50	0.040	0.50	0.85	60	885	48	8 377	-665.0	1 380.3	1980	92 09 - GPP
486	8.17	0.034	0.30	0.82	64	834	57	10 994	-689.2	1 395.1	1952	94 10 - GPP
128	6.01	0.024	0.36	0.83	64	834	56	11 093	-705.7	1 420.4	1952	92 08 - GPP
64	7.93	0.060	0.30	0.82	66	834	58	11 131	-710.2	1 427.7	1951	91 07
16	4.50	0.040	0.43	0.82	64	835	57	11 176	-704.1	1 419.8	1951	96 12 - ABAND 94 07
1 558					90	834	60	12 031	-824.4	1 538.9	1950	96 12 - GPP
16	12.60	0.114	0.08	0.76								
262	18.39	0.114	0.08	0.76								
1 280	25.30	0.114	0.08	0.76								
31	7.40	0.090	0.25	0.77	91	841	60	11 892	-842.2	1 567.6	1994	95 03
84	5.51	0.185	0.27	0.80	74	839	52	9 297	-515.7	1 209.1	1953	94 10 - GPP
1 998	3.21	0.180	0.30	0.80	74	839	52	9 037	-532.1	1 235.3	1957	95 12 - GPP
64	3.74	0.180	0.35	0.80	74	857	52	9 425	-532.3	1 240.8	1981	94 10 - GPP
132	4.04	0.200	0.33	0.80	71	845	51	9 251	-535.2	1 238.1	1958	94 10 - GPP
32	6.80	0.200	0.35	0.80	56	854	50	8 705	-528.8	1 229.7	1983	97 12 - GPP
64	2.70	0.180	0.32	0.81	71	845	51	9 299	-547.9	1 247.4	1965	90 02 - GPP
16	2.90	0.160	0.33	0.80	71	839	47	9 409	-529.9	1 239.9	1989	92 07 - ABAND 91 09
64	0.70	0.200	0.33	0.79	83	826	54	9 325	-537.9	1 235.3	1988	97 12 - GPP
16	4.57	0.200	0.20	0.80	62	835	52	9 384	-641.0	1 336.0	1955	76 12 - ABAND 58 03
64	4.57	0.200	0.20	0.80	74	839	50	9 382	-640.7	1 335.9	1958	75 12 - ABAND 69 08
16	2.00	0.160	0.48	0.87	56	840	46	8 406	-490.4	1 174.9	1993	97 12 - GPP
16	2.30	0.180	0.52	0.87	56	840	46	8 469	-498.6	1 183.2	1993	97 12 - GPP
16	3.60	0.170	0.25	0.92	26	945	50	9 071	-456.3	1 155.8	1965	89 12 - ABAND 88 08
256	3.63	0.140	0.36	0.82	67	865	49	8 734	-491.6	1 176.5	1971	89 04 - GPP
32	1.80	0.110	0.40	0.90	25	762	63	19 384	-1 286.2	2 093.3	1979	96 06 - ABAND 97 01
64	1.79	0.130	0.28	0.87	32	824	72	19 377	-1 285.2	2 08[illegible] 9	1990	94 10 - GPP
128	1.39	0.230	0.40	0.90	21	839	32	4 235	487.4	635.5	1967	85 06 - ABAND 94 10
64	5.10	0.150	0.25	0.75	125	832	43	8 756	-265.6	1 116.5	1979	83 12 - GPP
391					78	849	48	10 001	-447.2	1 287.4	1958	94 12
81	2.42	0.223	0.20	0.82								

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
		PRIMARY frac	ENHANCED frac	PRIMARY 10^3m^3	ENHANCED 10^3m^3	TOTAL 10^3m^3		
AERIAL 029-18W4 (CONTINUED)								
GAS FLOOD AREA	1 188.0	0.12	0.14	143.0	166.0	309.0		
MANNVILLE B	83.6	<0.01		0.6		0.6	0.6	
MANNVILLE C	154.0	0.05		7.7		7.7	2.1	5.6
MANNVILLE D	211.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL	2 197.6			172.0	166.0	338.0	314.0	24.0
AETNA 001-25W4								
SECOND WHITE SPECKS A	209.0	<0.01		1.0		1.0	0.6	0.4
FIELD TOTAL	209.0			1.0		1.0	0.6	0.4
ALBRIGHT 071-09W6								
CHARLIE LAKE A	75.1	<0.07		5.0		5.0	5.0	
FIELD TOTAL	75.1			5.0		5.0	5.0	
ALIX 040-23W4								
D-2	1 676.0	0.35		587.0		587.0	568.9	18.1
FIELD TOTAL	1 676.0			587.0		587.0	568.9	18.1
ALLIANCE 040-12W4								
BLAIRMORE	657.0	0.25		164.0		164.0	129.3	34.7
BLAIRMORE C	97.0	0.05		4.9		4.9	3.6	1.3
FIELD TOTAL	754.0			168.9		168.9	132.9	36.0
ALSIKE 049-02W5								
BANFF A	149.0	<0.01		0.3		0.3	0.3	
FIELD TOTAL *	149.0			0.3		0.3	0.3	
AMBER 115-07W6								
SULPHUR POINT D	158.0	<0.01		0.1		0.1	0.1	
MUSKEG A	14.3	<0.13		1.8		1.8	1.8	
MUSKEG B	162.0	<0.23		36.7		36.7	36.7	
MUSKEG C	129.0	0.25		32.3		32.3	27.6	4.7
MUSKEG D	102.0	<0.03		3.0		3.0	3.0	
MUSKEG E	200.0	<0.02		3.3		3.3	3.3	
MUSKEG F	105.0	<0.09		9.2		9.2	9.2	
MUSKEG G	236.0	<0.02		2.6		2.6	2.6	
MUSKEG H	79.0	<0.01		0.1		0.1	0.1	
MUSKEG I	51.7	<0.01		0.5		0.5	0.5	
MUSKEG J	158.0	0.20		31.6		31.6	4.2	27.4
KEG RIVER A	372.0	<0.12		43.7		43.7	43.7	
KEG RIVER B	540.0	0.15		81.0		81.0	57.7	23.3
KEG RIVER C	255.0	0.15		38.3		38.3	33.7	4.6
KEG RIVER E	330.0	<0.27		87.4		87.4	87.4	
KEG RIVER F	222.0	<0.26		56.1		56.1	56.1	
KEG RIVER G	197.0	0.35		69.0		69.0	58.3	10.7
KEG RIVER H	190.0	0.15		28.5		28.5	6.7	21.8
KEG RIVER I	115.0	<0.05		4.8		4.8	4.8	
KEG RIVER J	121.0	<0.01		0.2		0.2	0.2	
KEG RIVER K	77.0	<0.05		3.6		3.6	3.6	
KEG RIVER P	300.0	0.10		30.0		30.0	27.2	2.8
KEG RIVER Q	295.0	0.25		73.8		73.8	63.4	10.4
KEG RIVER R	253.0	0.15		38.0		38.0	37.4	0.6
KEG RIVER S	100.0	0.30		30.0		30.0	26.4	3.6
KEG RIVER T	130.0	0.30		39.0		39.0	34.5	4.5
KEG RIVER U	199.0	<0.08		15.8		15.8	15.8	
KEG RIVER V	600.0	<0.02		9.1		9.1	9.1	
KEG RIVER W	241.0	0.20		48.2		48.2	29.1	19.1
KEG RIVER X	44.8	<0.04		1.6		1.6	1.6	
KEG RIVER Y	80.3	0.30		24.1		24.1	11.4	12.7
KEG RIVER AA	300.0	<0.08		21.8		21.8	21.8	
KEG RIVER BB	86.3	0.13		11.2		11.2	11.2	
KEG RIVER CC	169.0	0.32		54.1		54.1	48.7	5.4
KEG RIVER FF	292.0	<0.05		12.8		12.8	12.8	
KEG RIVER GG	416.0	0.05		20.8		20.8	19.2	1.6

* LIGHT-MEDIUM CRUDE OIL POOLS

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
310	2.62	0.223	0.20	0.82								- GPP
32	4.90	0.130	0.50	0.82	73	867	47	10 014	-452.9	1 297.5	1979	97 12 - GPP
16	11.00	0.150	0.22	0.75	112	854	43	9 148	-472.6	1 323.5	1979	97 10 - GPP
64	3.90	0.172	0.40	0.82	78	850	24	7 487	-451.1	1 293.3	1980	89 12
16	27.50	0.060	0.14	0.92	26	816	58	17 400	-920.2	2 253.0	1993	97 12 - GPP
64	1.90	0.090	0.12	0.78	76	832	73	28 367	-1 587.5	2 344.4	1983	96 06 - GPP
1 081	4.73	0.057	0.19	0.71	152	825	59	16 573	-939.6	1 825.5	1956	91 12 - GPP
137	3.21	0.250	0.35	0.92	29	898	35	6 811	-250.1	962.0	1951	91 12 - GPP
32	1.77	0.260	0.26	0.89	45	875	35	5 819	-242.0	955.6	1985	97 12 - GPP
64	3.50	0.120	0.35	0.85	77	900	64	16 055	-799.4	1 548.7	1980	83 12 - ABAND 88 06
64	9.50	0.050	0.36	0.81	76	838	68	13 773	-1 062.4	1 422.5	1989	90 11
2	17.50	0.060	0.15	0.80	73	844	72	15 127	-1 145.3	1 506.8	1968	71 05 - ABAND 91 11
17	22.74	0.065	0.15	0.76	95	834	70	15 610	-1 205.3	1 565.0	1968	97 12 - GPP
64	10.50	0.030	0.20	0.80	64	800	82	14 712	-1 200.0	1 577.3	1982	97 12 - GPP
16	12.70	0.070	0.10	0.80	86	846	70	12 160	-1 153.5	1 521.8	1983	93 10 - ABAND 93 03
64	5.00	0.085	0.08	0.80	68	856	78	13 194	-1 160.0	1 535.1	1983	88 12 - ABAND 93 03
32	5.40	0.090	0.10	0.75	139	820	72	14 932	-1 141.6	1 520.3	1984	97 12 - ABAND 97 01
64	7.68	0.071	0.10	0.75	64	828	68	16 721	-1 142.6	1 503.4	1984	88 02 - ABAND 89 01
16	7.00	0.100	0.15	0.83	64	857	68	15 409	-1 121.0	1 497.0	1987	90 11 - ABAND 94 02
16	5.50	0.090	0.13	0.75	96	848	79	14 572	-1 110.7	1 492.8	1992	97 12 - GPP
16	14.00	0.100	0.15	0.83	64	856	68	15 273	-1 223.3	1 585.5	1996	96 07 - GPP
19	43.90	0.070	0.15	0.75	110	825	72	15 603	-1 210.4	1 566.1	1968	97 12 - GPP
38	38.04	0.060	0.17	0.75	111	825	72	15 568	-1 204.7	1 566.2	1968	91 12 - GPP
12	36.79	0.093	0.15	0.73	127	830	76	16 069	-1 216.8	1 581.6	1968	85 04 - GPP
28	39.00	0.070	0.40	0.72	125	825	76	15 673	-1 216.5	1 580.1	1968	97 12 - GPP
14	26.35	0.097	0.15	0.73	126	829	67	15 708	-1 210.5	1 573.2	1968	97 12 - GPP
14	27.00	0.090	0.15	0.68	157	820	72	15 376	-1 187.2	1 556.6	1969	92 12 - GPP
16	24.10	0.080	0.18	0.75	114	825	72	15 276	-1 186.2	1 551.0	1969	95 10 - GPP
16	24.23	0.052	0.25	0.77	152	820	72	15 277	-1 183.6	1 551.8	1969	78 12 - GPP
4	40.23	0.120	0.15	0.74	110	829	77	9 852	-402.2	763.1	1969	71 01
16	15.85	0.050	0.19	0.75	175	800	82	15 035	-1 163.1	1 550.8	1967	97 12 - GPP
25	18.50	0.100	0.10	0.72	128	820	76	15 544	-1 224.0	1 596.9	1982	89 12 - GPP
33	21.26	0.070	0.23	0.78	93	826	73	15 294	-1 202.0	1 567.5	1982	97 12 - GPP
16	23.60	0.100	0.13	0.77	93	829	73	15 493	-1 216.9	1 588.3	1983	90 11 - GPP
10	35.07	0.060	0.34	0.72	127	800	76	15 661	-1 203.4	1 580.8	1983	97 12 - GPP
16	12.00	0.100	0.10	0.75	138	806	71	15 248	-1 197.2	1 599.0	1984	93 07 - GPP
16	21.20	0.089	0.12	0.75	115	834	67	15 350	-1 204.9	1 564.4	1984	85 03 - ABAND 87 07
24	42.00	0.095	0.13	0.72	127	810	76	15 277	-1 209.0	1 577.8	1985	89 12
16	35.90	0.070	0.20	0.75	107	820	83	15 130	-1 189.8	1 589.0	1985	93 07
13	10.85	0.058	0.27	0.75	115	820	83	14 967	-1 205.9	1 568.0	1986	86 10 - ABAND 87 09
16	10.80	0.080	0.12	0.66	176	837	82	15 391	-1 192.5	1 593.6	1987	93 09 - GPP
16	26.71	0.100	0.10	0.78	53	823	82	15 619	-1 218.1	1 593.6	1984	97 01 - GPP
15	18.56	0.045	0.16	0.82	74	817	78	15 846	-1 245.8	1 620.5	1984	97 12 - GPP
12	15.40	0.127	0.10	0.80	70	832	68	15 633	-1 229.0	1 606.0	1985	97 12 - GPP
16	27.50	0.090	0.10	0.82	128	825	77	14 448	-1 192.4	1 575.3	1993	97 12 - GPP
16	34.00	0.100	0.10	0.85	100	830	64	15 397	-1 218.5	1 578.0	1993	97 12 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 ENHANCED 10³m³	6 TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
AMBER 115-07W6 (CONTINUED)								
KEG RIVER HH	184.0	0.35		64.4		64.4	49.9	14.5
KEG RIVER II	292.0	0.10		29.2		29.2	10.7	18.5
KEG RIVER JJ	154.0	0.20		30.8		30.8	11.1	19.7
KEG RIVER KK	50.0	0.15		7.5		7.5	0.2	7.3
KEG RIVER LL	353.0	0.25		88.3		88.3	33.9	54.4
KEG RIVER MM	298.0	0.15		44.7		44.7	23.4	21.3
KEG RIVER OO	119.0	0.20		23.8		23.8	6.3	17.5
KEG RIVER PP	260.0	0.25		65.0		65.0	6.6	58.4
KEG RIVER QQ	182.0	0.05		9.1		9.1	7.1	2.0
KEG RIVER RR	319.0	0.15		47.9		47.9	14.6	33.3
KEG RIVER SS	171.0	<0.04		6.7		6.7	6.7	
KEG RIVER TT	107.0	0.30		32.1		32.1	4.7	27.4
KEG RIVER UU	32.3	0.37		12.0		12.0	8.8	3.2
KEG RIVER XX	86.1	0.25		21.5		21.5	4.7	16.8
KEG RIVER ZZ	233.0	0.15		35.0		35.0	4.7	30.3
KEG RIVER AAA	40.9	0.25		10.2		10.2	3.8	6.4
KEG RIVER BBB	43.4	0.10		4.3		4.3	0.8	3.5
KEG RIVER CCC	69.3	0.05		3.5		3.5	0.4	3.1
KEG RIVER DDD	107.0	0.25		26.8		26.8	2.8	24.0
KEG RIVER FFF	145.0	0.25		36.3		36.3	4.0	32.3
KEG RIVER HHH	77.0	0.25		19.3		19.3	1.0	18.3
FIELD TOTAL	10 643.4			1 582.5		1 582.5	1 017.1	565.4
AMELIA 010-27W4								
CARDIUM A	60.4	0.10		6.0		6.0	2.8	3.2
FIELD TOTAL	60.4			6.0		6.0	2.8	3.2
AMIGO 120-08W6								
MUSKEG A	26.1	<0.04		0.9		0.9	0.9	
MUSKEG B	117.0	<0.06		6.1		6.1	6.1	
KEG RIVER A	100.0	<0.12		11.9		11.9	11.9	
KEG RIVER B	600.0	0.40		240.0		240.0	199.5	40.5
KEG RIVER C	184.0	<0.32		58.8		58.8	58.8	
KEG RIVER D	332.0	<0.12		39.5		39.5	39.5	
KEG RIVER E	100.0	<0.10		9.4		9.4	9.4	
KEG RIVER F	176.0	<0.11		18.5		18.5	18.5	
KEG RIVER G	276.0	0.35		96.6		96.6	90.0	6.6
KEG RIVER H	320.0	<0.03		6.7		6.7	6.7	
KEG RIVER I	70.0	0.16		11.3		11.3	11.3	
KEG RIVER J WATER FLOOD	200.0	<0.16	0.09	30.2	18.0	48.2	45.3	2.9
KEG RIVER K	230.0	<0.01		2.1		2.1	2.1	
FIELD TOTAL	2 731.1			532.0	18.0	550.0	500.0	50.0
ANTE CREEK 065-24W5								
DUNVEGAN A	288.0	<0.01		0.7		0.7	0.7	
MONTNEY A	60.7	<0.02		1.2		1.2	1.2	
BEAVERHILL LAKE SOLVENT FLOOD	5 931.0	0.16	0.32	949.0	1 898.0	2 847.0	2 236.5	610.5
BEAVERHILL LAKE B	1 670.0	0.38		635.0		635.0	578.3	56.7
GILWOOD A	46.4	<0.01		0.1		0.1	0.1	
FIELD TOTAL *	7 996.1			1 586.0	1 898.0	3 484.0	2 816.8	667.2
ANTE CREEK NORTH 067-23W5								
TRIASSIC A	198.0	0.05		9.9		9.9	1.1	8.8
TRIASSIC B	291.0	<0.01		0.2		0.2	0.2	
TRIASSIC E	2 931.0	0.15		440.0		440.0	22.6	417.4
TRIASSIC G	579.0	0.10		57.9		57.9	3.9	54.0
TRIASSIC H	154.0	0.01		1.5		1.5	0.6	0.9
WABAMUN A	615.0	0.10		61.5		61.5	18.3	43.2
FIELD TOTAL	4 768.0			571.0		571.0	46.7	524.3
ANTELOPE 030-01W4								
DETRITAL C	232.0	0.05		11.6		11.6	3.7	7.9

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
30	21.50	0.050	0.24	0.75	176	808	82	15 295	-1 177.9	1 568.3	1984	97 12 - GPP
16	19.00	0.140	0.12	0.78	93	826	73	15 270	-1 208.1	1 572.5	1993	97 01 - GPP
16	12.50	0.110	0.10	0.78	93	826	73	15 297	-1 208.6	1 576.8	1994	94 08 - GPP
8	20.04	0.050	0.20	0.78	93	826	73	15 154	-1 195.9	1 561.0	1993	97 12
16	32.50	0.100	0.13	0.78	93	826	73	15 793	-1 225.2	1 596.3	1994	94 08 - GPP
16	31.00	0.100	0.25	0.80	72	841	76	15 886	-1 218.8	1 590.5	1994	97 12 - GPP
16	22.60	0.050	0.20	0.82	74	820	78	15 110	-1 190.9	1 586.3	1993	95 05 - GPP
11	36.00	0.090	0.10	0.81	65	835	77	14 526	-1 185.2	1 567.0	1995	95 09 - GPP
10	38.00	0.080	0.13	0.69	139	820	73	14 711	-1 192.6	1 564.0	1986	97 12 - GPP
16	30.00	0.090	0.10	0.82	74	820	78	15 472	-1 230.9	1 600.0	1995	95 10 - GPP
16	23.00	0.070	0.15	0.78	93	826	73	14 876	-1 186.0	1 588.5	1994	97 12 - GPP
16	38.50	0.030	0.25	0.77	101	824	72	15 098	-1 217.2	1 582.3	1996	96 07 - GPP
16	12.50	0.030	0.30	0.77	101	824	72	15 455	-1 213.8	1 579.3	1995	97 12 - GPP
16	41.00	0.020	0.20	0.82	74	820	78		-1 206.7	1 569.1	1995	96 08 - GPP
16	21.50	0.100	0.13	0.78	93	826	73	15 579	-1 231.8	1 604.3	1995	96 08 - GPP
16	10.40	0.040	0.25	0.82	74	820	78	13 862	-1 215.5	1 573.5	1996	96 09 - GPP
8	31.50	0.030	0.30	0.82	74	820	78	15 558	-1 206.6	1 568.3	1996	97 04 - GPP
16	44.00	0.020	0.40	0.82	74	820	78	15 688	-1 207.8	1 573.0	1996	97 12 - GPP
16	39.00	0.030	0.30	0.82	74	820	78	15 635	-1 220.2	1 579.5	1996	96 09 - GPP
16	21.70	0.060	0.15	0.82	74	820	78	15 652	-1 230.1	1 603.7	1985	97 02 - GPP
24	9.00	0.050	0.13	0.82	74	820	78			1 589.5	1983	97 10
64	2.50	0.065	0.30	0.83	70	880	39	25 783	-1 052.8	2 051.3	1980	92 07 - GPP
16	3.50	0.080	0.13	0.67	155	808	83	15 467	-1 201.0	1 787.0	1983	88 12
16	15.85	0.062	0.18	0.90	140	830	78	14 476	-1 085.0	1 745.3	1969	97 12 - GPP
6	55.10	0.054	0.20	0.70	130	833	83	13 901	-1 231.0	1 818.5	1981	86 09 - ABAND 92 03
13	96.96	0.080	0.15	0.70	135	804	74	15 435	-1 149.3	1 756.0	1979	86 06 - GPP
6	58.17	0.080	0.11	0.74	118	850	71	16 196	-1 118.7	1 728.5	1982	96 06 - GPP
16	60.13	0.060	0.20	0.72	146	804	74	15 371	-1 198.0	1 793.6	1968	79 12
9	38.00	0.060	0.25	0.65	160	814	78	15 569	-1 219.6	1 804.0	1982	96 06
10	32.11	0.100	0.13	0.63	170	826	71	16 214	-1 160.0	1 746.0	1982	96 06 - GPP
29	32.79	0.060	0.18	0.59	233	803	81	16 864	-1 208.1	1 803.5	1983	86 06
10	52.30	0.096	0.09	0.70	100	816	77	15 592	-1 202.2	1 786.5	1985	89 12
5	20.80	0.120	0.20	0.70	233	803	81	16 031	-1 265.5	1 852.0	1982	86 09
17	37.60	0.058	0.17	0.65	159	830	70	15 630	-1 156.0	1 758.8	1986	97 12 - GPP
22	27.69	0.070	0.13	0.62	233	811	81	15 849	-1 244.7	1 824.0	1983	92 11 - GPP
64	4.61	0.181	0.35	0.83	62	834	59	10 421	-579.3	1 365.7	1973	74 12 - ABAND 79 02
16	6.00	0.100	0.22	0.81	59	830	73	21 002	-1 313.2	2 212.7	1993	96 06
3 644	6.90	0.063	0.22	0.48	342	806	110	35 534	-2 575.2	3 431.1	1962	89 10 - GPP
1 540	3.90	0.057	0.25	0.65	166	820	103	37 683	-2 628.4	3 389.3	1966	94 10 - GPP
65	2.44	0.090	0.35	0.50	35	806	107	34 706	-2 617.9	3 397.6	1964	65 05 - ABAND 72 10
64	6.27	0.110	0.35	0.69	147	825	59	16 614	-1 105.0	1 879.1	1971	97 06
16	23.50	0.130	0.33	0.89	100	873	80	15 391	-1 048.7	1 760.0	1995	97 12
630	4.63	0.150	0.13	0.77	105	848	64	16 351	-1 163.6	1 892.1	1995	97 09
64	10.20	0.150	0.19	0.73	127	823	64		-1 148.1	1 921.2	1996	97 12 - GPP
32	7.50	0.140	0.39	0.75	110	830	61		-1 068.1	1 801.4	1996	97 12
64	66.00	0.020	0.20	0.91	162	832	80	23 107	-1 831.5	2 617.0	1994	97 12 - GPP
16	9.50	0.310	0.46	0.91	36	940	35	8 461	-96.3	811.7	1988	90 09 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 ENHANCED 10³m³	6 TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
ANTELOPE 030-01W4 (CONTINUED)								
FIELD TOTAL *	232.0			11.6		11.6	3.7	7.9
ARMADA 017-19W4								
UPPER MANNVILLE A	818.0	0.05		40.9		40.9	22.5	18.4
UPPER MANNVILLE F	143.0	<0.01		1.3		1.3	1.3	
BASAL QUARTZ G	107.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL *	1 068.0			42.3		42.3	23.9	18.4
ARMISIE 052-25W4								
BLAIRMORE	2 381.0	0.20		476.0		476.0	443.9	32.1
FIELD TOTAL	2 381.0			476.0		476.0	443.9	32.1
ASTOTIN 054-18W4								
VIKING D	109.0	<0.01		0.4		0.4	0.4	
VIKING H	97.2	0.10		9.7		9.7	8.1	1.6
VIKING I	187.0	<0.01		0.2		0.2	0.2	
FIELD TOTAL	393.2			10.3		10.3	8.7	1.6
ATIKAMIK 084-06W5								
KEG RIVER A	52.0	<0.05		2.2		2.2	2.2	
FIELD TOTAL	52.0			2.2		2.2	2.2	
ATIM 054-27W4								
WABAMUN A	110.0	<0.01		0.4		0.4	0.4	
FIELD TOTAL *	110.0			0.4		0.4	0.4	
BADGER 016-18W4								
UPPER MANNVILLE A	171.0	0.03		5.1		5.1	1.3	3.8
FIELD TOTAL *	171.0			5.1		5.1	1.3	3.8
BALSAM 082-11W6								
BALDONNEL A	61.5	0.10		6.2		6.2	1.0	5.2
HALFWAY A	102.0	0.03		3.1		3.1	3.1	
FIELD TOTAL	163.5			9.3		9.3	4.1	5.2
BARONS 012-23W4								
COLORADO	280.0	<0.30		83.1		83.1	83.1	
BARONS A	313.0	0.10		31.3		31.3	28.6	2.7
BOW ISLAND A	65.0	<0.01		0.2		0.2	0.2	
FIELD TOTAL	658.0			114.6		114.6	111.9	2.7
BARTMAN 025-09W4								
VIKING B	241.0	<0.01		1.7		1.7	1.7	
FIELD TOTAL	241.0			1.7		1.7	1.7	
BASHAW 041-23W4								
BASAL MANNVILLE J	146.0	<0.01		1.3		1.3	1.3	
BASAL MANNVILLE CC	104.0	<0.02		1.1		1.1	1.1	
BASAL MANNVILLE FF	456.0	0.10		45.6		45.6	3.1	42.5
BASAL MANNVILLE II	124.0	<0.01		0.3		0.3	0.3	
D-2 A	992.0	<0.03		25.0		25.0	23.6	1.4
D-2 B	1 800.0	0.45		810.0		810.0	716.5	93.5
D-2 C WATER FLOOD	1 200.0	0.20	0.10	240.0	120.0	360.0	270.3	89.7
D-2 D	356.0	0.20		71.2		71.2	64.2	7.0
D-2 E	526.0	0.35		184.0		184.0	93.1	90.9
D-2 F	1 006.0	0.45		453.0		453.0	217.9	235.1
D-2 G TOTAL	3 446.0			697.0	662.0	1 359.0	902.1	456.9
PRIMARY AREA	138.0	0.25		34.5		34.5		
WATER FLOOD AREA	3 308.0	0.20	0.20	662.0	662.0	1 324.0		
D-2 H WATER FLOOD	850.0	0.10	0.05	85.0	42.5	128.0	93.3	34.7
D-2 I	503.0	0.30		151.0		151.0	74.1	76.9
D-2 L WATER FLOOD	1 210.0	0.15	0.25	182.0	302.0	484.0	335.0	149.0

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
64	8.33	0.210	0.14	0.85	62	896	45	11 821	-345.2	1 197.4	1980	97 08 - GPP
32	7.60	0.160	0.54	0.80	94	835	46	12 714	-397.3	1 250.0	1988	94 11 - ABAND 93 10
64	2.00	0.160	0.40	0.87	60	871	36	10 382	-373.7	1 213.4	1984	88 12 - ABAND 89 03
431	5.39	0.190	0.35	0.83	79	834	49	9 653	-560.4	1 246.7	1951	92 02 - GPP
64	1.50	0.210	0.40	0.90	41	864	23	4 628	-16.4	683.3	1981	88 12 - ABAND 93 08
32	2.20	0.250	0.40	0.92	30	846	28	5 108	-15.2	687.6	1983	94 10 - GPP
64	2.20	0.240	0.40	0.92	30	846	28	5 662	-8.5	681.1	1984	88 12 - ABAND 86 02
32	2.20	0.140	0.34	0.80	84	846	36	17 077	-959.5	1 559.5	1985	92 06 - ABAND 92 01
16	6.50	0.180	0.30	0.84	61	839	54	10 082	-600.0	1 326.8	1992	93 08 - ABAND 92 12
64	1.83	0.240	0.30	0.87	51	881	54	12 243	-315.1	1 125.9	1974	96 12
16	2.50	0.230	0.24	0.88	44	906	46		-568.0	1 241.3	1996	97 06 - GPP
64	2.60	0.120	0.38	0.82	76	839	56	14 004	-735.2	1 371.4	1992	97 12 - ABAND 97 08
221	0.82	0.227	0.20	0.85	51	855	37	4 137	-273.3	1 253.6	1950	75 12 - ABAND 85 10
192	1.88	0.170	0.40	0.85	62	857	35	5 329	-390.8	1 349.6	1974	91 12 - GPP
65	1.52	0.140	0.50	0.94	23	855	34	5 061	-346.6	1 307.9	1973	74 12 - ABAND 76 09
64	5.00	0.190	0.55	0.88	49	858	29	6 354	-40.1	772.0	1978	90 12 - ABAND 89 08
64	2.70	0.170	0.40	0.83	76	844	42	10 679	-638.7	1 478.7	1978	85 12 - ABAND 88 06
32	4.00	0.160	0.40	0.85	64	852	48	10 476	-611.0	1 400.9	1988	94 11 - ABAND 94 09
64	6.00	0.210	0.35	0.87	53	881	53		-681.5	1 504.0	1995	97 10
32	2.50	0.240	0.26	0.87	59	853	40	9 575	-497.5	1 292.8	1995	97 12 - GPP
903	4.82	0.037	0.20	0.77	93	844	57	15 450	-837.2	1 714.3	1951	88 12 - GPP
429	5.90	0.110	0.16	0.77	88	830	62	12 937	-926.5	1 806.7	1973	94 10 - GPP
128	20.00	0.072	0.12	0.74	107	825	70	14 165	-896.6	1 750.0	1987	97 12 - GPP
64	8.22	0.110	0.19	0.76	107	826	70	13 770	-920.7	1 780.8	1987	96 08 - GPP
128	6.99	0.090	0.14	0.76	107	825	70	12 387	-905.6	1 783.3	1988	90 01
200	8.55	0.090	0.14	0.76	107	825	70	12 521	-897.2	1 780.3	1988	94 10
768					92	835	51	16 780	-887.0	1 727.8	1989	97 09
64	3.11	0.100	0.10	0.77								
704	6.78	0.100	0.10	0.77								- GPP
116	6.62	0.160	0.09	0.76	107	826	70	12 488	-898.7	1 769.8	1991	94 12 - GPP
64	15.20	0.080	0.15	0.76	107	825	70	12 559	-895.3	1 763.7	1990	91 07
262	6.50	0.110	0.15	0.76	107	825	70	16 099	-890.7	1 730.3	1992	95 06 - GPP

TABLE 2-6

	1	2	3	4	5	6	7	8
FIELD POOL	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10³m³	frac	frac	10³m³	10³m³	10³m³	10³m³	10³m³
BASHAW 041-23W4 (CONTINUED)								
IRETON A	416.0	0.08		33.3		33.3	31.7	1.6
D-3 A	2 238.0	0.35		783.0		783.0	681.3	101.7
D-3 B	264.0	0.12		31.7		31.7	29.2	2.5
D-3 C	160.0	<0.01		0.1		0.1	0.1	
D-3 D	57.8	<0.01		0.1		0.1	0.1	
FIELD TOTAL	15 854.8			3 794.7	1 126.5	4 921.7	3 538.3	1 383.4
BASSANO 021-18W4								
UPPER MANNVILLE E	22.1	0.15		3.3		3.3	0.6	2.7
UPPER MANNVILLE F	300.0	0.10		30.0		30.0	7.2	22.8
UPPER MANNVILLE I	41.1	0.05		2.1		2.1	1.6	0.5
UPPER MANNVILLE K	167.0	0.05		8.4		8.4	4.0	4.4
UPPER MANNVILLE L	57.4	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE N	135.0	<0.01		0.2		0.2	0.2	
UPPER MANNVILLE O TOTAL	834.0			167.0	152.0	319.0	112.8	206.2
PRIMARY AREA	75.3	0.20		15.1		15.1		
WATER FLOOD AREA	759.0	0.20	0.20	152.0	152.0	304.0		
UPPER MANNVILLE P	120.0	0.10		12.0		12.0	3.0	9.0
UPPER MANNVILLE Q	699.0	0.10		69.9		69.9	13.4	56.5
UPPER MANNVILLE V	31.2	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE B	109.0	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE D	118.0	0.15		17.7		17.7	6.8	10.9
LOWER MANNVILLE F	47.3	0.05		2.4		2.4	0.1	2.3
OSTRACOD A	136.0	<0.01		1.0		1.0	1.0	
FIELD TOTAL	2 817.1			314.4	152.0	466.4	151.1	315.3
BATTLE 046-20W4								
VIKING	824.0	<0.21		172.9		172.9	172.9	
FIELD TOTAL	824.0			172.9		172.9	172.9	
BATTLE NORTH 046-20W4								
VIKING	242.0	<0.27		63.8		63.8	63.8	
FIELD TOTAL	242.0			63.8		63.8	63.8	
BATTLE SOUTH 045-20W4								
VIKING	937.0	<0.23		207.1		207.1	207.1	
FIELD TOTAL	937.0			207.1		207.1	207.1	
BEATON 087-02W6								
WABAMUN A	50.3	<0.07		3.4		3.4	3.4	
GILWOOD A	487.0	<0.08		35.5		35.5	35.5	
FIELD TOTAL	537.3			38.9		38.9	38.9	
BEAVERHILL LAKE 052-19W4								
UPPER VIKING F	150.0	<0.01		0.4		0.4	0.4	
FIELD TOTAL	150.0			0.4		0.4	0.4	
BEAVERLODGE 072-10W6								
DUNVEGAN B	164.0	0.10		16.4		16.4	1.0	15.4
CHARLIE LAKE A	220.0	<0.01		1.2		1.2	1.2	
FIELD TOTAL	384.0			17.6		17.6	2.2	15.4
BELLOY 078-01W6								
BELLOY A	68.5	0.15		10.3		10.3	10.3	
BELLOY B	39.1	0.10		3.9		3.9	3.9	
DEBOLT A,B,C & E	139.0	0.15		20.9		20.9	15.2	5.7
D-1 A	165.0	<0.14		22.0		22.0	22.0	
D-1 B	712.0	0.12		85.4		85.4	71.7	13.7
D-1 C	46.4	<0.13		5.7		5.7	5.7	
D-1 D	542.0	0.10		54.2		54.2	46.1	8.1
D-1 G	67.0	<0.07		4.4		4.4	4.4	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
64	15.70	0.074	0.30	0.80	76	910	51	16 359	-851.6	1 714.8	1963	92 12 - GPP
1 936	2.97	0.070	0.17	0.67	163	825	58	15 920	-876.3	1 756.7	1951	94 10 - GPP
130	4.72	0.077	0.20	0.70	142	829	58	15 349	-880.6	1 751.3	1965	92 12 - GPP
64	4.00	0.110	0.15	0.67	163	827	58	12 255	-864.1	1 696.4	1985	85 09
64	2.50	0.070	0.23	0.67	163	895	54	12 723	-903.9	1 736.2	1986	86 10
16	1.40	0.200	0.42	0.85	62	875	37	10 032	-425.1	1 278.8	1991	97 12 - GPP
32	5.19	0.250	0.17	0.87	56	868	37	10 525	-433.3	1 258.6	1992	93 06
16	4.67	0.160	0.60	0.86	65	868	33	10 835	-476.1	1 294.2	1993	97 12 - GPP
16	13.50	0.180	0.50	0.86	65	868	40	11 966	-460.6	1 304.8	1993	95 10 - GPP
16	5.50	0.150	0.50	0.87	58	871	40	10 567	-459.4	1 263.9	1993	96 06 - GPP
16	11.00	0.160	0.50	0.96	76	888	37	10 554	-457.9	1 273.0	1994	96 02 - ABAND 95 06
103					65	868	40	12 150	-480.1	1 305.9	1994	95 12
16	3.00	0.240	0.24	0.86								
87	5.01	0.250	0.19	0.86								- GPP
16	10.00	0.160	0.46	0.87	58	871	39	12 125	-477.0	1 323.0	1995	96 07
64	6.43	0.250	0.21	0.86	65	868	40	9 064	-471.3	1 355.2	1995	97 02 - GPP
8	6.30	0.180	0.60	0.86	65	868	40	9 090	-467.1	1 352.5	1996	97 12
16	6.30	0.150	0.25	0.96	12	900	38	11 027	-490.9	1 336.5	1993	94 11 - ABAND 94 08
64	1.80	0.210	0.44	0.87	65	872	36	12 220	-510.5	1 333.8	1995	96 03
32	2.20	0.170	0.54	0.86	66	881	32	12 079	-500.2	1 329.4	1996	97 02
64	1.80	0.210	0.34	0.85	68	883	31	9 660	-396.1	1 179.1	1984	84 11 - ABAND 95 10
574	1.82	0.146	0.40	0.90	35	839	37	5 694	-240.9	981.6	1953	96 06 - GPP
194	1.54	0.150	0.40	0.90	35	839	37	5 711	-243.2	990.2	1954	89 12 - ABAND 93 08
451	2.53	0.152	0.40	0.90	35	839	37	5 926	-236.0	966.0	1954	96 06 - GPP
32	5.79	0.050	0.19	0.67	160	876	62	15 827	-958.8	1 654.0	1974	97 12
65	7.32	0.200	0.20	0.64	283	833	55	19 524	-1 386.4	2 105.4	1955	75 12 - ABAND 68 05
64	2.00	0.200	0.35	0.90	29	864	38	5 271	-99.0	794.0	1978	85 12 - ABAND 83 07
32	3.70	0.230	0.33	0.90	44	855	40	8 791	-384.8	1 139.4	1996	97 07 - GPP
64	6.20	0.095	0.20	0.73	115	820	77	21 271	-1 562.2	2 331.0	1988	89 03 - ABAND 89 04
64	1.70	0.110	0.31	0.83	66	868	45	11 840	-678.9	1 257.7	1951	92 09 - ABAND 92 07
32	2.00	0.130	0.39	0.77	100	885	40	11 520	-671.8	1 248.7	1985	96 06 - GPP
64	1.50	0.280	0.39	0.85	52	853	47	15 532	-912.8	1 493.7	1972	94 10 - GPP
32	26.30	0.030	0.13	0.75	145	865	65	18 602	-1 502.6	2 078.8	1984	94 11 - GPP
128	35.65	0.026	0.23	0.78	111	884	60	21 771	-1 473.1	2 047.8	1986	94 11 - GPP
32	6.80	0.040	0.29	0.75	96	850	67	22 412	-1 497.1	2 074.8	1985	90 12 - ABAND 89 11
64	55.00	0.026	0.25	0.79	88	838	56	22 970	-1 550.6	2 126.5	1987	97 12 - GPP
8	23.46	0.071	0.25	0.67	89	858	71	20 960	-1 427.5	2 002.7	1987	94 11 - ABAND 96 02

TABLE 2-6

	1	2	3	4	5	6	7	8
FIELD POOL	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
BELLOY 078-01W6 (CONTINUED)								
D-1 H	186.0	0.20		37.2		37.2	30.4	6.8
D-1 I	171.0	<0.06		9.5		9.5	9.5	
D-1 J	249.0	<0.08		19.0		19.0	19.0	
D-1 K	375.0	<0.08		29.9		29.9	29.9	
D-1 L	443.0	0.35		155.0		155.0	92.5	62.5
D-1 M	183.0	0.20		36.6		36.6	27.9	8.7
D-1 N	291.0	<0.02		3.1		3.1	3.1	
D-1 O	176.0	0.12		21.1		21.1	18.8	2.3
D-1 P	184.0	<0.07		11.9		11.9	11.9	
D-1 Q	172.0	<0.03		3.9		3.9	3.9	
D-1 R	73.9	<0.02		0.8		0.8	0.8	
D-1 S	66.0	0.35		23.1		23.1	10.8	12.3
D-1 T	392.0	0.10		39.2		39.2	32.3	6.9
D-1 U	99.3	0.25		24.8		24.8	14.5	10.3
D-1 V	101.0	<0.08		7.1		7.1	7.1	
D-1 W	265.0	<0.01		0.2		0.2	0.2	
D-1 X	81.3	<0.01		0.1		0.1	0.1	
D-1 Y	112.0	<0.10		10.9		10.9	10.9	
D-1 Z	171.0	<0.09		13.7		13.7	13.7	
D-1 AA	75.4	<0.01		0.2		0.2	0.2	
D-1 BB	224.0	0.35		78.4		78.4	64.7	13.7
D-1 CC	208.0	<0.02		2.3		2.3	2.3	
FIELD TOTAL	6 077.9			734.8		734.8	583.8	151.0
BELLSHILL LAKE 041-12W4								
UPPER VIKING A	67.7	0.03		2.0		2.0	0.2	1.8
BLAIRMORE	37 380.0	0.45		16 820.0		16 820.0	14 851.2	1 968.8
BLAIRMORE E	1 400.0	0.02		28.0		28.0	14.8	13.2
BLAIRMORE F	31.3	<0.01		0.3		0.3	0.3	
BLAIRMORE G	214.0	0.10		21.4		21.4	7.4	14.0
BLAIRMORE H	141.0	0.10		14.1		14.1	9.0	5.1
BLAIRMORE I	123.0	0.10		12.3		12.3	6.3	6.0
ELLERSLIE A	3 742.0	0.30		1 123.0		1 123.0	741.8	381.2
ELLERSLIE C	51.1	<0.01		0.1		0.1	0.1	
ELLERSLIE D	138.0	<0.04		4.5		4.5	4.5	
ELLERSLIE E	100.0	0.10		10.0		10.0	1.5	8.5
FIELD TOTAL	43 388.1			18 035.7		18 035.7	15 637.1	2 398.6
BERLAND RIVER 059-23W5								
CARDIUM A	187.0	0.10		18.7		18.7	0.1	18.6
FIELD TOTAL	187.0			18.7		18.7	0.1	18.6
BERRY 027-12W4								
VIKING C,UMNV GG & LMNV L	19.0	0.15		2.9		2.9	2.1	0.8
UPPER MANNVILLE C	1 175.0	0.09		106.0		106.0	66.1	39.9
UPPER MANNVILLE Q	41.2	0.20		8.2		8.2	5.2	3.0
UPPER MANNVILLE V	209.0	0.05		10.5		10.5	3.4	7.1
UPPER MANNVILLE X	219.0	0.10		21.9		21.9	13.0	8.9
UPPER MANNVILLE Y	223.0	0.07		15.6		15.6	10.9	4.7
UPPER MANNVILLE EE	440.0	0.15		66.0		66.0	18.4	47.6
UPPER MANNVILLE HH	162.0	0.15		24.3		24.3	7.1	17.2
FIELD TOTAL *	2 488.2			255.4		255.4	126.2	129.2
BEZANSON 071-03W6								
CHARLIE LAKE A	66.2	0.20		13.2		13.2	7.5	5.7
FIELD TOTAL	66.2			13.2		13.2	7.5	5.7
BIGORAY 052-08W5								
BELLY RIVER A	239.0	<0.01		2.2		2.2	2.2	
CARDIUM B TOTAL	3 143.0			317.0	1 085.0	1 402.0	1 219.6	182.4
PRIMARY AREA	43.5	0.16		7.0		7.0		
WATER FLOOD AREA	3 099.0	0.10	0.35	310.0	1 085.0	1 395.0		
CARDIUM C	133.0	0.10		13.3		13.3	1.3	12.0

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
32	22.59	0.044	0.25	0.78	111	841	60	21 460	-1 447.0	2 022.3	1988	90 12 - GPP
16	40.30	0.040	0.16	0.79	80	827	69	22 669	-1 520.6	2 123.1	1988	94 11 - ABAND 94 11
40	27.30	0.037	0.21	0.78	111	841	60	21 455	-1 429.6	2 005.4	1988	94 11 - ABAND 96 03
32	43.80	0.044	0.22	0.78	111	841	60	22 611	-1 527.2	2 143.2	1988	97 12 - GPP
128	33.60	0.019	0.19	0.67	163	832	64	22 682	-1 515.2	2 096.0	1988	95 12 - GPP
32	25.80	0.033	0.14	0.78	111	841	60	22 088	-1 501.7	2 075.1	1988	90 08 - GPP
8	84.00	0.060	0.13	0.83	111	849	60	20 254	-1 428.0	2 000.4	1989	92 11 - ABAND 90 12
16	43.00	0.040	0.18	0.78	111	841	60	21 729	-1 482.0	2 054.5	1989	92 08 - GPP
16	50.40	0.037	0.22	0.79	99	852	57	22 518	-1 510.9	2 088.4	1989	96 06 - GPP
16	55.70	0.037	0.33	0.78	111	824	60	20 520	-1 461.5	2 034.8	1989	92 04 - ABAND 92 01
16	101.50	0.010	0.35	0.70	144	824	69	21 708	-1 548.0	2 134.3	1990	92 09 - ABAND 92 01
32	45.50	0.010	0.42	0.78	111	884	60	20 735	-1 488.1	2 062.8	1990	91 04 - GPP
16	84.80	0.050	0.26	0.78	111	884	60	22 318	-1 533.4	2 107.4	1990	92 08 - GPP
16	20.80	0.051	0.26	0.79	102	851	72	22 469	-1 533.0	2 141.6	1990	91 05 - GPP
16	22.20	0.050	0.28	0.79	102	851	72	21 196	-1 482.8	2 054.4	1990	94 11
32	29.10	0.050	0.28	0.79	102	851	72	21 296	-1 408.0	1 982.5	1990	94 11
16	19.33	0.045	0.26	0.79	102	851	72	23 206	-1 569.5	2 160.3	1990	91 08 - ABAND 90 10
64	7.80	0.040	0.29	0.79	102	851	72	22 511	-1 551.0	2 124.5	1990	94 11
32	30.00	0.030	0.24	0.78	111	832	60	22 653	-1 548.4	2 121.3	1990	94 11 - ABAND 97 09
32	10.50	0.040	0.29	0.79	102	793	72	22 511	-1 551.1	2 179.8	1986	94 11
64	12.80	0.050	0.30	0.78	111	832	60	22 607	-1 522.0	2 087.7	1991	93 12
16	90.40	0.030	0.40	0.80	83	864	68	20 125	-1 416.0	1 986.3	1984	85 02 - ABAND 86 07
64	0.93	0.250	0.50	0.91	37	849	27	5 430	-70.8	767.6	1957	96 04
2 302	8.74	0.270	0.26	0.93	29	892	34	6 504	-208.3	954.1	1955	93 12 - GPP
218	4.60	0.200	0.25	0.93	28	899	32	6 625	-222.6	956.9	1977	89 12 - GPP
16	2.00	0.150	0.30	0.93	26	866	33	6 414	-197.0	921.5	1979	85 12 - GPP
64	4.00	0.150	0.40	0.93	26	894	30	5 799	-213.3	980.8	1985	86 06 - GPP
32	3.00	0.250	0.38	0.95	16	908	34	5 736	-217.9	928.0	1989	89 11 - GPP
16	5.00	0.210	0.24	0.96	13	894	31	5 680	-201.1	981.5	1989	90 03 - GPP
413	4.51	0.270	0.20	0.93	28	913	33	7 090	-308.5	1 035.0	1983	95 12 - GPP
16	1.60	0.280	0.25	0.95	40	922	34	6 479	-238.9	984.8	1984	81 12 - ABAND 87 10
16	5.40	0.240	0.30	0.95	16	908	34	5 957	-223.7	919.2	1989	96 06 - GPP
8	8.00	0.270	0.39	0.95	16	908	34	5 897	-245.7	954.0	1993	96 12 - GPP
32	8.00	0.120	0.20	0.76	110	841	62		-818.9	1 999.0	1994	97 06
9	1.80	0.190	0.35	0.95	40	868	36	9 734	-305.6	1 076.0	1990	97 12 - GPP
490	2.43	0.190	0.41	0.88	49	828	43	9 670	-309.0	1 096.5	1980	94 10 - GPP
64	0.70	0.180	0.42	0.88	49	803	45	9 676	-314.6	1 102.9	1988	95 12 - GPP
89	2.15	0.210	0.41	0.88	49	840	43	9 548	-289.6	1 071.5	1990	93 09
75	2.85	0.220	0.47	0.88	49	828	43	9 757	-300.3	1 093.2	1983	97 05 - GPP
32	7.30	0.190	0.43	0.88	46	803	43	9 364	-302.1	1 084.9	1981	94 11 - GPP
148	2.70	0.230	0.45	0.87	51	853	42	9 703	-293.4	1 050.7	1994	97 05
58	2.40	0.230	0.43	0.89	45	855	38	9 099	-294.2	1 057.0	1996	97 05
64	2.00	0.110	0.44	0.84	140	840	66	15 818	-1 148.0	1 783.5	1993	94 10
64	4.00	0.195	0.45	0.87	54	822	34	7 922	-206.1	1 084.1	1987	89 12 - ABAND 90 03
984					50	872	49	15 069	-606.4	1 470.3	1978	97 12
128	0.65	0.070	0.17	0.90								
856	4.50	0.109	0.18	0.90								- GPP
64	3.40	0.080	0.15	0.90	39	876	49	17 078	-593.0	1 457.7	1994	94 05 - GPP

TABLE 2-6

FIELD POOL	1	2	3	4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
BIGORAY 052-08W5 (CONTINUED)								
OSTRACOD TOTAL	2 620.0			393.0	590.0	983.0	878.9	104.1
PRIMARY AREA	687.0	0.15		103.0		103.0		
WATER FLOOD AREA	1 933.0	0.15	0.30	290.0	590.0	880.0		
OSTRACOD B	321.0	<0.02		4.4		4.4	4.4	
OSTRACOD E	61.5	<0.01		0.3		0.3	0.3	
OSTRACOD G WATER FLOOD	610.0	0.15	0.25	91.5	153.0	245.0	167.4	77.6
OSTRACOD H	1 063.0	0.10		106.0		106.0	18.5	87.5
OSTRACOD I	148.0	0.02		3.0		3.0	1.4	1.6
ELLERSLIE A	133.0	0.10		13.3		13.3	6.2	7.1
ELLERSLIE B	277.0	0.05		13.9		13.9	11.5	2.4
ELLERSLIE D TOTAL	1 176.0			118.0	190.0	308.0	187.4	120.6
PRIMARY AREA	226.0	0.10		22.6		22.6		
WATER FLOOD AREA	950.0	0.10	0.20	95.0	190.0	285.0		
ELLERSLIE E	142.0	0.11		15.6		15.6	14.3	1.3
ELLERSLIE G	1 321.0	0.13		172.0		172.0	156.6	15.4
ELLERSLIE J	24.5	0.15		3.7		3.7	2.3	1.4
ROCK CREEK A	187.0	<0.03		5.1		5.1	5.1	
ROCK CREEK B	37.0	<0.01		0.1		0.1	0.1	
ROCK CREEK C	130.0	<0.05		5.5		5.5	5.5	
NISKU A WATER FLOOD	737.0	0.30	0.15	222.0	111.0	333.0	292.2	40.8
NISKU B SOLVENT FLOOD	1 500.0	0.30	0.35	450.0	525.0	975.0	899.3	75.7
NISKU C WATER FLOOD	1 200.0	0.25	0.10	300.0	120.0	420.0	410.6	9.4
NISKU D WATER FLOOD	2 200.0	0.05	0.27	110.0	594.0	704.0	655.1	48.9
NISKU E WATER FLOOD	2 001.0	0.25	0.07	500.0	140.0	640.0	599.5	40.5
NISKU F SOLVENT FLOOD	2 800.0	0.40	0.42	1 120.0	1 176.0	2 296.0	2 272.3	23.7
NISKU G WATER FLOOD	924.0	0.30	0.20	277.0	185.0	462.0	459.5	2.5
NISKU H WATER FLOOD	2 200.0	0.30	0.16	660.0	352.0	1 012.0	929.2	82.8
NISKU I WATER FLOOD	600.0	<0.34	0.10	200.0	60.0	260.0	202.0	58.0
NISKU K WATER FLOOD	870.0	0.30	0.28	261.0	244.0	505.0	482.2	22.8
FIELD TOTAL *	26 798.0			5 377.9	5 525.0	10 903.4	9 884.9	1 018.5
BIGSTONE 060-22W5								
CARDIUM A	16.1	<0.02		0.3		0.3	0.3	
CARDIUM B	149.0	0.10		14.9		14.9	9.7	5.2
CARDIUM C	98.7	0.20		19.7		19.7	19.5	0.2
SECOND WHITE SPECKS B	71.5	0.10		7.2		7.2	0.4	6.8
DUNVEGAN A	530.0	0.02		10.6		10.6	3.0	7.6
DUNVEGAN D	54.5	0.10		5.5		5.5	0.4	5.1
MONTNEY A	57.3	0.30		17.2		17.2	8.2	9.0
FIELD TOTAL	977.1			75.4		75.4	41.6	33.8
BILAWCHUK 080-09W6								
HALFWAY A	394.0	<0.01		0.2		0.2	0.2	
FIELD TOTAL	394.0			0.2		0.2	0.2	
BILBO 065-06W6								
A CARDIUM A	939.0	0.20		188.0		188.0	152.1	35.9
A CARDIUM B	169.0	0.10		16.9		16.9	16.4	0.5
FIELD TOTAL	1 108.0			204.9		204.9	168.5	36.4
BITTERN LAKE 046-22W4								
VIKING B	48.6	0.10		4.9		4.9	0.3	4.6
ELLERSLIE K	147.0	<0.01		0.5		0.5	0.5	
ELLERSLIE M	320.0	0.10		32.0		32.0	3.3	28.7
DETRITAL A	95.7	<0.01		0.8		0.8	0.8	
NISKU A	89.8	<0.01		0.2		0.2	0.2	
FIELD TOTAL	701.1			38.4		38.4	5.1	33.3
BLACK 110-09W6								
MUSKEG A	150.0	0.40		60.0		60.0	52.0	8.0
MUSKEG C	439.0	0.12		52.7		52.7	43.0	9.7
MUSKEG D	55.6	<0.05		2.7		2.7	2.7	

* LIGHT-MEDIUM CRUDE OIL POOLS

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
1 023					111	839	59	15 420	-982.9	1 798.7	1959	97 12
399	2.06	0.157	0.30	0.76								
624	3.29	0.177	0.30	0.76								- GPP
64	4.00	0.220	0.25	0.76	120	834	60	17 706	-994.3	1 841.6	1968	81 12 - ABAND 80 10
32	2.80	0.140	0.43	0.86	52	839	44	15 828	-809.7	1 591.5	1991	92 07 - ABAND 92 03
341	3.40	0.097	0.33	0.81	66	733	63	17 562	-1 016.9	1 875.3	1985	95 05 - GPP
128	7.45	0.170	0.20	0.82	121	820	63	15 074	-936.3	1 756.0	1993	94 10 - GPP
64	3.10	0.140	0.31	0.77	99	840	61	14 944	-1 094.4	1 950.7	1994	97 12 - GPP
32	4.00	0.190	0.30	0.78	89	839	60	16 114	-950.5	1 785.3	1979	94 10 - GPP
64	2.44	0.320	0.29	0.78	25	853	50	13 903	-984.2	1 816.6	1974	96 08 - GPP
576					111	833	64	16 409	-972.9	1 826.0	1979	94 10
128	2.92	0.130	0.38	0.75								
448	3.51	0.130	0.38	0.75								- GPP
64	3.24	0.137	0.39	0.82	70	843	65	14 565	-977.0	1 821.6	1979	97 12 - GPP
448	5.09	0.120	0.32	0.71	113	853	50	16 611	-944.2	1 797.5	1977	93 12 - GPP
64	0.50	0.140	0.24	0.72	139	835	64	15 268	-998.3	1 878.5	1980	91 07 - GPP
64	3.00	0.200	0.30	0.70	135	840	62	16 555	-926.5	1 780.2	1977	82 03 - ABAND 96 10
80	1.50	0.110	0.60	0.70	121	840	57	15 178	-934.4	1 777.0	1979	85 07 - GPP
93	2.19	0.140	0.35	0.70	121	840	57	15 822	-922.1	1 765.1	1979	89 12 - GPP
66	30.50	0.062	0.28	0.82	73	847	73	20 199	-1 480.0	2 344.1	1978	81 02 - GPP
67	49.24	0.067	0.22	0.87	71	834	76	22 997	-1 486.9	2 343.1	1978	97 11 - GPP
82	32.96	0.075	0.26	0.80	106	860	79	22 072	-1 538.3	2 430.1	1978	94 12 - GPP
190	18.48	0.088	0.11	0.80	84	841	80	29 095	-1 640.3	2 496.8	1978	94 12 - GPP
100	45.76	0.060	0.10	0.81	56	835	80	28 529	-1 635.5	2 495.4	1978	97 08 - GPP
52	65.79	0.110	0.07	0.80	71	834	78	22 002	-1 562.9	2 404.7	1977	95 11 - GPP
67	20.20	0.120	0.28	0.79	88	835	74	20 545	-1 489.5	2 340.2	1978	88 12 - GPP
58	45.89	0.120	0.18	0.84	50	842	73	19 029	-1 435.1	2 286.3	1978	96 09 - GPP
51	24.74	0.092	0.32	0.76	100	840	73	19 379	-1 444.4	2 288.3	1978	81 11 - GPP
43	40.05	0.081	0.23	0.81	63	848	69	19 466	-1 455.5	2 301.2	1979	94 12 - GPP
64	0.93	0.074	0.47	0.69	148	821	64	15 806	-674.3	1 706.7	1987	92 10 - ABAND 93 10
64	3.69	0.100	0.17	0.76	110	865	49	16 132	-714.2	1 821.2	1976	76 12 - GPP
64	4.20	0.070	0.31	0.76	150	852	60	16 157	-708.1	1 822.5	1980	92 12 - GPP
16	9.00	0.090	0.20	0.69	161	816	59	18 908	-839.0	1 800.0	1995	96 11 - GPP
128	6.50	0.130	0.31	0.71	120	809	79	18 146	-973.0	2 018.7	1959	96 01 - GPP
64	2.00	0.100	0.40	0.71	134	807	76	16 852	-1 066.5	2 223.5	1994	96 08 - GPP
64	1.30	0.110	0.08	0.68	147	820	98	21 572	-1 516.9	2 545.3	1996	97 03
64	12.51	0.113	0.42	0.75	100	844	61	11 166	-754.4	1 485.5	1983	88 12 - ABAND 90 02
1 294	1.20	0.120	0.37	0.80	75	803	45	12 723	-557.1	1 508.4	1985	93 12 - GPP
192	1.80	0.100	0.35	0.75	120	835	43	14 562	-523.9	1 377.0	1979	88 05 - GPP
32	1.00	0.250	0.34	0.92	34	862	42	6 444	-280.1	1 034.0	1979	96 02
32	2.50	0.270	0.19	0.84	72	830	39	9 876	-589.1	1 360.3	1994	97 08 - ABAND 97 06
32	5.90	0.230	0.19	0.91	37	909	50	9 012	-505.8	1 276.0	1993	97 03
16	4.30	0.220	0.21	0.80	79	841	49	10 037	-605.3	1 364.6	1994	96 06 - GPP
32	7.50	0.080	0.45	0.85	55	875	41	10 276	-631.3	1 373.5	1982	97 04 - ABAND 82 09
64	7.54	0.060	0.30	0.74	62	829	85	16 068	-1 261.0	1 922.7	1968	92 12 - GPP
48	18.40	0.080	0.16	0.74	96	830	84	16 114	-1 250.0	1 863.1	1967	96 07 - GPP
16	8.80	0.060	0.11	0.74	98	820	76	14 927	-1 226.3	1 599.5	1984	90 12 - ABAND 89 02

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 INITIAL ESTABLISHED RESERVES ENHANCED 10^3m^3	6 INITIAL ESTABLISHED RESERVES TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
BLACK 110-09W6 (CONTINUED)								
MUSKEG E	256.0	0.20		51.2		51.2	4.3	46.9
KEG RIVER A WATER FLOOD	2 860.0	0.15	0.15	429.0	429.0	858.0	777.4	80.6
KEG RIVER B	111.0	<0.04		3.4		3.4	3.4	
KEG RIVER C	95.0	0.02		1.9		1.9	1.9	
FIELD TOTAL	3 966.6			600.9	429.0	1 029.9	884.7	145.2
BLACKFOOT 023-23W4								
UPPER MANNVILLE A	520.0	0.15		78.0		78.0	29.6	48.4
GLAUCONITIC A	425.0	0.15		63.8		63.8	19.3	44.5
GLAUCONITIC D	158.0	0.15		23.7		23.7	14.7	9.0
GLAUCONITIC E	148.0	0.15		22.2		22.2	6.0	16.2
ELLERSLIE A	106.0	<0.16		16.4		16.4	16.4	
FIELD TOTAL	1 357.0			204.1		204.1	86.0	118.1
BONANZA 081-11W6								
GETHING D	69.9	0.10		7.0		7.0	0.4	6.6
BOUNDARY A TOTAL	6 059.0			761.0	739.0	1 500.0	900.6	599.4
PRIMARY AREA	149.0	0.15		22.4		22.4		
WATER FLOOD AREA	5 910.0	0.12	0.12	739.0	739.0	1 478.0		
BOUNDARY C	161.0	0.10		16.1		16.1	3.9	12.2
DOIG A	1 470.0	0.10		147.0		147.0	103.3	43.7
DOIG B	1 021.0	0.04		40.8		40.8	13.4	27.4
DOIG C	1 020.0	0.02		20.4		20.4	13.4	7.0
DOIG D	599.0	0.15		89.9		89.9	8.5	81.4
KISKATINAW D	287.0	0.10		28.7		28.7	7.6	21.1
FIELD TOTAL	10 686.9			1 110.9	739.0	1 849.9	1 051.1	798.8
BONNIE GLEN 046-27W4								
CARDIUM A	4 130.0	<0.06		214.0		214.0	207.9	6.1
D-2 A	138.0	<0.08		9.8		9.8	9.8	
D-3 A	125 000.0	<0.67		83 300.0		83 300.0	82 408.0	892.0
FIELD TOTAL	129 268.0			83 523.8		83 523.8	82 625.7	898.1
BOUNDARY LAKE SOUTH 085-13W6								
TRIASSIC B	131.0	<0.01		0.2		0.2	0.2	
TRIASSIC C TOTAL	3 586.0			413.0	216.0	629.0	515.9	113.1
PRIMARY AREA	886.0	0.10		88.6		88.6		
WATER FLOOD AREA	2 700.0	0.12	0.08	324.0	216.0	540.0		
TRIASSIC E TOTAL	12 840.0			1 213.0	2 790.0	4 003.0	3 686.3	316.7
PRIMARY AREA	3 537.0	0.08		283.0		283.0		
WATER FLOOD AREA	9 300.0	0.10	0.30	930.0	2 790.0	3 720.0		
TRIASSIC F	50.0	<0.01		0.2		0.2	0.2	
TRIASSIC G	364.0	0.20		72.8		72.8	35.3	37.5
TRIASSIC H TOTAL	3 655.0			348.0	257.0	605.0	505.0	100.0
PRIMARY AREA	445.0	0.06		26.7		26.7		
WATER FLOOD AREA	3 210.0	0.10	0.08	321.0	257.0	578.0		
TRIASSIC I	475.0	0.10		47.5		47.5	32.0	15.5
TRIASSIC M	56.0	<0.01		0.3		0.3	0.3	
TRIASSIC N	2 352.0	0.15		353.0		353.0	303.2	49.8
TRIASSIC S	116.0	0.10		11.6		11.6	8.3	3.3
BOUNDARY A	523.0	0.20		105.0		105.0	83.0	22.0
BOUNDARY C	90.8	<0.01		0.1		0.1	0.1	
BOUNDARY D	709.0	0.10		70.9		70.9	28.5	42.4
KISKATINAW Q	402.0	0.15		60.3		60.3	26.8	33.5
FIELD TOTAL *	25 349.8			2 695.9	3 263.0	5 958.9	5 225.1	733.8
BOW ISLAND 012-12W4								
SAWTOOTH N	90.8	0.10		9.1		9.1	0.9	8.2
SAWTOOTH P	109.0	0.10		10.9		10.9	1.4	9.5
FIELD TOTAL *	199.8			20.0		20.0	2.3	17.7
BRANT 019-25W4								
ELLERSLIE A	12.0	0.01		0.1		0.1	0.1	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
64	7.50	0.080	0.10	0.74	107	820	82	16 326	-1 260.6	1 923.1	1989	96 03 - GPP
80	82.00	0.078	0.14	0.65	160	806	91	18 467	-1 391.6	1 996.5	1967	94 12 - GPP
10	30.50	0.070	0.20	0.65	160	806	85	16 552	-1 300.7	1 742.7	1968	94 07 - ABAND 94 02
16	12.00	0.075	0.12	0.75	86	832	74	16 172	-1 283.3	1 925.0	1988	96 06 - GPP
110	4.00	0.190	0.25	0.83	70	866	49	11 847	-666.1	1 589.2	1994	95 07
84	3.50	0.210	0.17	0.83	70	866	49	11 993	-651.7	1 571.1	1994	95 09
32	3.97	0.200	0.25	0.83	69	866	49	12 216	-661.2	1 562.4	1995	96 04
32	3.50	0.210	0.24	0.83	69	867	49	12 190	-659.9	1 573.7	1996	96 11
128	0.92	0.150	0.25	0.80	83	845	49	12 730	-627.3	1 540.2	1963	96 06 - ABAND 87 10
32	2.50	0.160	0.35	0.84	50	894	48	11 019	-509.4	1 238.3	1996	97 03 - GPP
2 570					62	862	54	13 568	-747.3	1 379.7	1973	89 12
64	2.40	0.210	0.45	0.84								
2 506	2.60	0.150	0.28	0.84								
64	2.68	0.130	0.14	0.84	62	835	53	12 074	-723.5	1 323.8	1990	91 04 - GPP
251	8.10	0.130	0.33	0.83	76	845	58	13 715	-801.6	1 474.3	1989	94 10 - GPP
128	10.56	0.140	0.35	0.83	76	845	58	13 120	-800.5	1 466.3	1990	96 08 - GPP
128	10.00	0.120	0.20	0.83	75	845	58	13 054	-791.0	1 449.2	1992	94 12 - GPP
64	12.20	0.140	0.34	0.83	75	845	58		-808.2	1 465.5	1995	97 08 - GPP
32	11.40	0.110	0.15	0.84	150	849	73	18 850	-1 447.6	2 105.9	1990	95 07 - GPP
1 318	3.26	0.130	0.16	0.88	41	834	49	14 339	-322.8	1 201.5	1955	96 08 - GPP
67	6.28	0.057	0.20	0.72	124	815	76	12 422	-1 041.4	1 954.1	1952	71 12 - ABAND 71 10
3 120	59.13	0.106	0.06	0.68	141	815	81	17 308	-1 268.2	2 142.7	1952	95 12 - GPP
65	1.83	0.197	0.25	0.75	98	844	46	11 747	-647.0	1 385.5	1965	68 03 - ABAND 67 09
879					110	844	48	12 445	-535.2	1 274.4	1963	94 12 - GPP
192	3.18	0.206	0.12	0.80								
687	2.57	0.210	0.09	0.80								
5 483					92	846	47	12 896	-610.8	1 331.9	1964	92 05 - GPP
2 128	1.65	0.150	0.15	0.79								
3 355	2.55	0.160	0.14	0.79								
64	0.61	0.175	0.05	0.77	106	844	46	12 651	-572.8	1 317.7	1964	80 04
128	2.64	0.180	0.28	0.83	261	816	55	11 234	-583.9	1 315.6	1967	95 01 - GPP
1 565					92	844	49	12 867	-608.1	1 282.8	1973	94 12
64	4.99	0.196	0.10	0.79								
1 501	1.99	0.160	0.15	0.79								- GPP
192	2.08	0.175	0.18	0.83	62	844	47	12 332	-545.9	1 300.9	1977	80 11 - GPP
16	3.60	0.160	0.25	0.81	76	814	66	12 184	-660.2	1 408.3	1990	96 04 - ABAND 95 08
796	3.71	0.140	0.28	0.79	183	838	47	10 328	-582.4	1 283.4	1991	93 11 - GPP
32	5.10	0.110	0.18	0.79	91	844	47	12 986	-710.0	1 425.7	1993	95 01 - GPP
553	0.77	0.170	0.13	0.83	90	844	50	11 540	-561.1	1 285.2	1983	94 10
64	1.60	0.120	0.11	0.83	60	844	50	12 891	-567.7	1 312.0	1984	88 12
128	3.54	0.220	0.10	0.79	91	843	47	11 768	-550.8	1 275.8	1988	92 03 - GPP
128	3.00	0.170	0.21	0.78	79	862	64	16 195	-1 171.5	1 909.9	1996	97 12 - GPP
20	3.37	0.230	0.37	0.93	25	882	35	9 596	-141.2	936.8	1996	97 04 - GPP
16	4.50	0.250	0.35	0.93	25	882	35	9 595	-140.0	936.8	1996	97 02 - GPP
16	1.70	0.080	0.30	0.79	92	879	44	14 531	-745.1	1 787.3	1990	92 09 - ABAND 92 03

TABLE 2-6

FIELD POOL	1	2	3	4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
BRANT 019-25W4 (CONTINUED)								
TURNER VALLEY A	103.0	<0.01		0.1		0.1	0.1	
TURNER VALLEY B	109.0	<0.05		5.4		5.4	1.9	3.5
FIELD TOTAL	224.0			5.6		5.6	2.1	3.5
BRAZEAU RIVER 046-13W5								
BELLY RIVER A	94.1	<0.02		1.4		1.4	1.4	
BELLY RIVER C	1 000.0	0.15		150.0		150.0	128.8	21.2
BELLY RIVER D	194.0	<0.06		10.7		10.7	10.7	
BELLY RIVER G	113.0	<0.02		1.8		1.8	1.8	
BELLY RIVER I	127.0	<0.01		0.2		0.2	0.2	
BELLY RIVER M	53.5	<0.01		0.2		0.2	0.2	
BELLY RIVER O	600.0	0.05		30.0		30.0	10.1	19.9
BELLY RIVER P	42.0	0.20		8.4		8.4	7.4	1.0
BELLY RIVER Q	262.0	0.03		7.9		7.9	5.8	2.1
BELLY RIVER S	63.1	<0.01		0.4		0.4	0.4	
BELLY RIVER T	133.0	0.10		13.3		13.3	6.8	6.5
BELLY RIVER U	75.5	<0.09		6.5		6.5	6.5	
BELLY RIVER X	2 896.0	0.07		203.0		203.0	100.3	102.7
BELLY RIVER Z	269.0	<0.01		1.3		1.3	1.3	
BELLY RIVER AA	113.0	<0.01		0.3		0.3	0.3	
BELLY RIVER BB	113.0	0.15		17.0		17.0	16.5	0.5
BELLY RIVER FF WATER FLOOD	2 327.0	0.10	0.10	233.0	233.0	466.0	308.3	157.7
BELLY RIVER II TOTAL	3 286.0			318.0	308.0	626.0	315.8	310.2
PRIMARY AREA	208.0	0.05		10.4		10.4		
WATER FLOOD AREA	3 078.0	0.10	0.10	308.0	308.0	616.0		
BELLY RIVER JJ	263.0	0.05		13.2		13.2	3.0	10.2
BELLY RIVER MM	137.0	<0.02		2.2		2.2	2.2	
BELLY RIVER NN	17.8	<0.06		1.0		1.0	1.0	
BELLY RIVER OO	93.7	<0.01		0.3		0.3	0.3	
BELLY RIVER PP	165.0	0.03		5.0		5.0	3.3	1.7
BELLY RIVER SS	73.8	<0.01		0.2		0.2	0.2	
BELLY RIVER TT	18.9	<0.02		0.2		0.2	0.2	
BELLY RIVER UU	226.0	0.10		22.6		22.6	18.6	4.0
BELLY RIVER VV	247.0	0.10		24.7		24.7	10.6	14.1
BELLY RIVER ZZ	212.0	0.05		10.6		10.6	3.6	7.0
BELLY RIVER H & Y TOTAL	4 743.0			712.0	160.0	872.0	522.8	349.2
PRIMARY AREA	3 678.0	0.15		552.0		552.0		
WATER FLOOD AREA	1 065.0	0.15	0.15	160.0	160.0	320.0		
BELLY RIVER CC & DD	60.8	0.07		4.3		4.3	3.3	1.0
BELLY RIVER E & F	2 177.0	0.07		152.0		152.0	94.1	57.9
BELLY RIVER QQ & RR	781.0	0.05		39.1		39.1	28.6	10.5
BELLY RIVER V & W	235.0	0.10		23.5		23.5	16.3	7.2
BELLY RIVER FFF	76.9	<0.01		0.1		0.1	0.1	
BELLY RIVER HHH	123.0	0.03		3.7		3.7	1.3	2.4
BELLY RIVER LLL	333.0	0.10		33.3		33.3	10.9	22.4
BELLY RIVER MMM	58.8	0.10		5.9		5.9	2.1	3.8
BELLY RIVER NNN	117.0	<0.02		1.3		1.3	1.3	
BELLY RIVER OOO	97.5	0.15		14.6		14.6	3.3	11.3
BELLY RIVER PPP	126.0	<0.01		0.2		0.2	0.1	0.1
BELLY RIVER QQQ	165.0	0.10		16.5		16.5	3.2	13.3
BELLY RIVER RRR	188.0	0.10		18.8		18.8	0.3	18.5
BELLY RIVER SSS	43.3	0.10		4.3		4.3	0.9	3.4
CARDIUM A	193.0	<0.10		18.5		18.5	18.5	
CARDIUM C	2 117.0	0.07		148.0		148.0	131.0	17.0
CARDIUM D	90.0	<0.01		0.5		0.5	0.5	
CARDIUM G	188.0	0.10		18.7		18.7	18.7	
CARDIUM I	200.0	0.15		30.0		30.0	26.9	3.1
CARDIUM K	708.0	0.06		42.5		42.5	36.0	6.5
CARDIUM O	52.3	0.15		7.8		7.8	6.9	0.9
CARDIUM P	205.0	0.15		30.8		30.8	18.9	11.9
CARDIUM Q	38.6	0.15		5.8		5.8	5.2	0.6
CARDIUM V	139.0	0.12		16.7		16.7	13.7	3.0
CARDIUM X	41.8	0.10		4.2		4.2	1.8	2.4
SECOND WHITE SPECKS B	768.0	0.05		38.4		38.4	0.9	37.5
VIKING A	465.0	0.08		37.2		37.2	35.2	2.0
VIKING D TOTAL	1 279.0			252.0	120.0	372.0	358.5	13.5

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
64	7.70	0.050	0.45	0.76	108	900	64	14 768	-783.0	1 813.4	1980	80 06 - ABAND 85 08
32	3.50	0.140	0.18	0.85	66	902	50	14 652	-768.9	1 798.3	1994	97 12 - GPP
64	1.80	0.170	0.46	0.89	27	869	33	9 818	-402.4	1 389.3	1978	84 12 - ABAND 94 06
413	5.00	0.110	0.45	0.80	90	810	58	10 537	-697.8	1 956.9	1985	91 04 - GPP
64	5.40	0.120	0.40	0.78	90	853	62	10 240	-724.5	1 984.4	1985	96 06 - GPP
64	4.00	0.090	0.45	0.89	62	826	57	8 956	-654.6	1 671.5	1985	91 10 - ABAND 90 05
64	3.50	0.120	0.40	0.79	85	857	53	8 001	-541.5	1 495.0	1985	92 08 - ABAND 92 05
16	7.00	0.110	0.45	0.79	85	812	53	8 860	-643.9	1 658.3	1986	93 10 - ABAND 92 03
128	9.68	0.110	0.45	0.80	111	850	66	10 305	-655.3	1 851.3	1987	91 04 - GPP
16	6.00	0.110	0.47	0.75	111	813	66	10 668	-675.3	1 726.0	1976	96 12
32	13.50	0.135	0.40	0.75	111	800	66	10 727	-784.9	2 032.0	1987	97 12 - GPP
16	5.20	0.160	0.40	0.79	87	826	48	9 217	-611.0	1 760.5	1987	92 09 - ABAND 92 06
64	4.05	0.120	0.45	0.78	86	800	57	10 817	-685.8	1 734.2	1986	90 08 - GPP
32	5.00	0.110	0.45	0.78	84	830	60	11 272	-728.1	1 930.8	1987	96 06 - GPP
448	11.10	0.130	0.44	0.80	56	810	61	8 395	-538.6	1 700.7	1987	97 11 - GPP
64	7.00	0.130	0.45	0.84	56	810	61	7 943	-579.0	1 761.9	1985	94 10
32	6.00	0.127	0.45	0.84	56	810	61	9 474	-720.2	1 903.1	1985	94 10 - ABAND 85 07
65	3.05	0.140	0.47	0.77	106	876	54	10 913	-833.7	2 056.3	1965	88 12 - GPP
446	8.87	0.130	0.42	0.78	93	800	58	10 527	-661.5	1 792.9	1987	97 12 - GPP
1 225					93	800	63	12 621	-761.8	1 866.8	1961	97 01
175	2.52	0.110	0.45	0.78								
1 050	6.70	0.110	0.49	0.78								- GPP
64	8.05	0.126	0.50	0.81	73	805	47	10 634	-680.8	1 737.4	1988	89 09 - GPP
16	15.00	0.130	0.45	0.80	80	852	48	9 795	-448.7	1 501.3	1989	97 12 - GPP
16	2.50	0.110	0.48	0.78	84	799	62	9 938	-628.0	1 692.8	1989	96 06 - GPP
16	10.50	0.130	0.45	0.78	84	779	62	8 231	-564.8	1 820.6	1988	92 12
64	6.00	0.110	0.50	0.78	84	799	62	11 277	-826.9	2 068.0	1978	97 12 - GPP
16	7.00	0.130	0.35	0.78	93	800	63	9 504	-549.2	1 599.0	1990	96 06 - GPP
16	2.50	0.110	0.45	0.78	93	800	63	10 472	-693.1	1 799.8	1990	96 06
64	6.50	0.120	0.42	0.78	93	800	63	8 971	-470.2	1 506.8	1990	91 07
64	7.50	0.120	0.45	0.78	93	800	63	10 720	-632.8	1 706.3	1990	91 07 - GPP
64	5.90	0.120	0.40	0.78	84	791	62	10 520	-519.2	1 744.6	1991	96 08 - GPP
1 652					111	828	66	14 599	-854.9	2 074.4	1964	96 10
1 311	5.49	0.117	0.44	0.78								
341	5.71	0.120	0.40	0.76								- GPP
16	5.40	0.125	0.25	0.75	111	775	66	12 430	-801.5	1 857.2	1987	94 10 - GPP
1 130	3.81	0.120	0.48	0.81	82	810	61	10 376	-697.2	1 771.8	1985	94 10 - GPP
64	18.40	0.120	0.30	0.79	90	811	58	11 011	-585.7	1 638.8	1989	95 10 - GPP
64	7.80	0.110	0.45	0.78	84	784	60	11 213	-708.5	1 898.4	1987	96 11 - GPP
32	5.20	0.100	0.45	0.84	56	810	61	6 541	-590.9	1 788.6	1981	97 12
32	10.10	0.090	0.47	0.80	90	810	58	10 400	-635.4	1 603.2	1994	97 12 - GPP
96	7.41	0.130	0.52	0.75	112	786	52	9 019	-477.5	1 549.9	1995	96 11
32	4.20	0.110	0.47	0.75	112	786	52	10 460	-691.2	1 770.1	1995	96 11
32	7.93	0.100	0.45	0.84	56	810	61	12 925	-624.8	1 808.0	1956	96 12 - ABAND 68 08
64	3.60	0.120	0.53	0.75	112	786	52	9 830	-597.7	1 631.8	1996	97 02
64	4.50	0.130	0.55	0.75	112	786	52	8 701	-430.1	1 526.9	1995	97 12
64	5.20	0.100	0.38	0.80	90	810	58		-883.1	2 094.3	1995	97 06
64	5.70	0.110	0.40	0.78	94	800	63		-718.1	1 797.2	1988	97 09
32	3.80	0.095	0.52	0.78	56	810	61		-596.8	1 739.4	1997	97 11 - GPP
195	1.52	0.140	0.20	0.58	164	788	71	16 639	-1 305.3	2 371.2	1966	96 06 - GPP
2 148	2.36	0.090	0.20	0.58	293	784	77	27 414	-1 293.1	2 458.8	1973	91 12 - GPP
64	3.00	0.101	0.20	0.58	164	826	60	19 997	-1 105.4	2 100.9	1980	88 12 - ABAND 97 03
100	4.50	0.090	0.20	0.58	115	783	73	26 290	-1 237.9	2 456.9	1981	97 12 - GPP
103	3.00	0.140	0.20	0.58	240	793	76	25 567	-1 269.8	2 417.7	1971	96 12 - GPP
1 079	1.91	0.080	0.26	0.58	245	796	76	25 949	-1 249.5	2 297.5	1973	92 09 - GPP
64	1.60	0.110	0.20	0.58	210	760	66	25 928	-1 240.9	2 364.4	1985	86 03 - GPP
192	2.16	0.120	0.29	0.58	235	808	82	26 757	-1 300.8	2 371.3	1986	88 07
64	1.50	0.090	0.23	0.58	235	781	82	27 811	-1 322.6	2 427.3	1985	92 12 - GPP
64	5.20	0.120	0.40	0.58	245	796	76	22 709	-1 252.5	2 477.9	1991	94 10
64	2.00	0.070	0.12	0.53	293	805	77		-1 263.0	2 428.2	1996	97 12
64	20.00	0.100	0.25	0.80	200	813	88	24 496	-1 362.6	2 348.0	1994	96 08 - GPP
256	1.82	0.160	0.20	0.78	114	815	79	25 329	-1 444.7	2 464.0	1973	96 08 - GPP
833					160	833	80	30 992	-1 524.8	2 546.6	1973	93 06

TABLE 2-6

FIELD POOL	1	2	3	4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
BRAZEAU RIVER 046-13W5 (CONTINUED)								
PRIMARY AREA	84.0	0.15		12.6		12.6		
WATER FLOOD AREA	1 195.0	0.20	0.10	239.0	120.0	359.0		
LOWER MANNVILLE A	121.0	<0.09		9.9		9.9	9.9	
LOWER MANNVILLE B	81.4	<0.03		2.4		2.4	2.4	
LOWER MANNVILLE C	181.0	<0.03		4.9		4.9	4.9	
LOWER MANNVILLE D	110.0	0.05		5.5		5.5	3.0	2.5
LOWER MANNVILLE I	105.0	0.15		15.8		15.8	5.2	10.6
LOWER MANNVILLE J	70.5	0.10		7.1		7.1	1.7	5.4
LOWER MANNVILLE P	44.7	0.10		4.5		4.5	0.3	4.2
CADOMIN A	39.7	<0.04		1.3		1.3	1.3	
CADOMIN B	108.0	<0.05		4.4		4.4	4.4	
ROCK CREEK B	378.0	<0.01		0.8		0.8	0.8	
NISKU A SOLVENT FLOOD	5 300.0	0.40	0.41	2 120.0	2 173.0	4 293.0	4 174.5	118.5
NISKU B SOLVENT FLOOD	2 300.0	0.40	0.23	920.0	550.0	1 470.0	1 353.0	117.0
NISKU C	600.0	0.35		210.0		210.0	20.0	190.0
NISKU D SOLVENT FLOOD	2 700.0	0.50	0.15	1 350.0	405.0	1 755.0	1 630.3	124.7
NISKU E SOLVENT FLOOD	2 450.0	0.45	0.39	1 102.0	956.0	2 058.0	1 992.3	65.7
NISKU G	85.0	<0.21		17.7		17.7	17.7	
NISKU H	85.0	0.29		24.7		24.7	24.7	
NISKU I	1 055.0	0.35		369.0		369.0	358.2	10.8
NISKU L WATER FLOOD	575.0	0.30	0.25	173.0	144.0	317.0	301.3	15.7
NISKU X WATER FLOOD	595.0	0.30	0.20	179.0	119.0	298.0	188.3	109.7
FIELD TOTAL	46 009.7			9 286.1	5 168.0	14 454.1	12 421.1	2 033.0
BRUCE 047-14W4								
LOWER MANNVILLE I	372.0	<0.01		0.3		0.3	0.3	
ELLERSLIE PP	315.0	<0.01		2.9		2.9	2.9	
WABAMUN L	87.3	<0.01		0.7		0.7	0.7	
WABAMUN M	93.0	<0.01		0.7		0.7	0.7	
WABAMUN N	47.8	<0.01		0.1		0.1	0.1	
STETTLER A	53.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL	968.1			4.8		4.8	4.8	
BUFFALO LAKE 039-21W4								
GLAUCONITIC A	75.8	0.10		7.6		7.6	1.4	6.2
D-3	1 410.0	0.70		987.0		987.0	874.4	112.6
D-3 B	947.0	0.70		663.0		663.0	556.4	106.6
FIELD TOTAL	2 432.8			1 657.6		1 657.6	1 432.2	225.4
BYEMOOR 034-19W4								
VIKING A	144.0	<0.06		7.8		7.8	7.8	
UPPER MANNVILLE A	1 077.0	0.07		75.4		75.4	47.4	28.0
FIELD TOTAL	1 221.0			83.2		83.2	55.2	28.0
CALAIS 070-24W5								
D-3 A	700.0	0.55		385.0		385.0	336.8	48.2
FIELD TOTAL	700.0			385.0		385.0	336.8	48.2
CAMPBELL-NAMAO 054-25W4								
BLAIRMORE A	2 860.0	0.09		257.0		257.0	253.9	3.1
BLAIRMORE C	216.0	<0.17		36.7		36.7	36.7	
BLAIRMORE D	150.0	0.22		33.0		33.0	29.4	3.6
BLAIRMORE E	2 938.0	<0.06		173.0		173.0	173.0	
BLAIRMORE F	3 960.0	0.09		356.0		356.0	302.7	53.3
BLAIRMORE G	124.0	0.05		6.2		6.2	6.2	
BLAIRMORE J	1 115.0	0.06		66.9		66.9	65.1	1.8
BLAIRMORE M	109.0	<0.01		0.1		0.1	0.1	
BLAIRMORE N	47.5	<0.05		2.2		2.2	2.2	
BLAIRMORE O	147.0	<0.06		7.6		7.6	7.6	
BLAIRMORE P	21.0	<0.07		1.4		1.4	1.4	
BLAIRMORE Q	82.4	<0.01		0.6		0.6	0.6	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
128	0.96	0.130	0.27	0.72								
705	1.71	0.170	0.19	0.72								- GPP
65	4.57	0.090	0.30	0.65	184	815	92	39 670	-1 945.8	3 120.2	1967	92 03 - ABAND 90 07
64	1.52	0.170	0.18	0.60	220	804	99	30 027	-1 693.8	2 737.7	1975	78 05 - ABAND 84 07
16	9.75	0.210	0.15	0.65	177	812	95	33 051	-1 863.2	3 079.7	1974	96 06 - GPP
64	2.70	0.150	0.35	0.65	180	803	93	27 414	-1 779.3	2 884.2	1967	97 12 - GPP
64	2.00	0.130	0.20	0.79	280	799	90	27 664	-1 790.6	2 974.4	1994	95 07
64	2.20	0.110	0.30	0.65	230	820	93	25 322	-1 602.4	2 596.5	1994	95 10 - GPP
64	1.30	0.120	0.20	0.56	248	809	96		-1 743.6	2 828.7	1995	97 10
65	0.91	0.120	0.30	0.80	66	788	96	29 742	-1 923.2	3 098.8	1960	88 08 - GPP
64	5.00	0.085	0.25	0.53	352	779	104	32 744	-1 913.8	3 119.5	1978	88 08 - GPP
64	8.43	0.124	0.32	0.83	65	803	72	20 583	-1 749.1	2 776.3	1983	84 09 - ABAND 90 02
108	72.90	0.110	0.10	0.68	178	806	107	46 581	-2 138.4	3 107.4	1977	95 12 - GPP
90	69.23	0.058	0.14	0.74	130	816	102	32 674	-2 066.1	3 081.3	1977	87 12 - GPP
106	17.66	0.060	0.11	0.60	195	820	107	33 321	-2 136.3	3 096.4	1978	97 09
157	44.88	0.065	0.12	0.67	183	815	102	34 534	-2 103.1	3 069.5	1978	97 12 - GPP
142	42.62	0.100	0.12	0.46	354	799	108	46 163	-2 188.0	3 199.9	1978	97 12 - GPP
20	22.30	0.045	0.23	0.55	255	813	100	38 370	-2 179.6	3 148.6	1978	96 06 - GPP
102	2.45	0.060	0.10	0.63	189	806	105	44 444	-2 156.4	3 133.6	1978	97 12 - ABAND 97 02
112	47.10	0.050	0.20	0.50	396	802	102	33 825	-2 110.1	3 052.4	1979	80 08 - GPP
78	20.77	0.120	0.13	0.34	672	788	105	41 020	-2 203.3	3 194.8	1982	90 12 - GPP
97	23.10	0.070	0.12	0.43	417	795	106	35 270	-2 274.7	3 292.5	1986	91 06 - GPP
64	3.40	0.230	0.20	0.93	27	910	34	6 267	-159.5	865.8	1978	83 12 - ABAND 91 11
64	2.70	0.250	0.20	0.91	35	887	35	6 117	-266.8	984.6	1985	86 05 - ABAND 89 11
64	1.60	0.170	0.41	0.85	60	875	40	6 057	-358.3	1 085.3	1987	91 10 - ABAND 89 02
64	4.20	0.080	0.53	0.92	21	868	40	5 965	-346.5	1 071.5	1986	88 08 - ABAND 91 11
16	2.50	0.200	0.35	0.92	30	973	40	6 247	-346.1	1 064.8	1988	91 10 - ABAND 89 03
64	2.80	0.060	0.42	0.85	60	868	40	7 320	-357.3	1 082.3	1986	92 10 - ABAND 91 11
32	1.80	0.240	0.37	0.87	50	879	50		-521.7	1 346.1	1996	97 04
65	28.44	0.101	0.09	0.83	74	892	59	15 283	-863.6	1 685.0	1961	94 10 - GPP
80	17.20	0.100	0.15	0.81	83	887	57	14 127	-853.3	1 676.5	1967	95 12
64	2.00	0.200	0.34	0.85	62	828	42	8 108	-306.3	1 156.1	1977	96 06 - GPP
505	2.68	0.180	0.48	0.85	64	852	48	8 596	-384.9	1 214.7	1989	91 12 - GPP
97	20.00	0.062	0.12	0.66	190	824	91	25 791	-2 128.7	2 823.0	1986	97 12 - GPP
809	3.08	0.174	0.25	0.88	41	870	47	8 299	-440.6	1 130.8	1949	85 12 - GPP
47	3.96	0.180	0.29	0.91	41	870	47	8 413	-439.6	1 135.8	1953	96 06 - GPP
32	3.14	0.210	0.22	0.91	41	870	48	8 336	-445.3	1 141.0	1959	97 12 - GPP
503	4.18	0.213	0.20	0.82	41	870	46	8 387	-433.3	1 113.5	1951	96 06 - GPP
534	4.63	0.220	0.20	0.91	41	870	46	7 917	-438.5	1 119.3	1966	97 12 - GPP
16	6.00	0.210	0.25	0.82	68	894	41	7 019	-429.7	1 124.3	1951	96 06 - ABAND 95 06
313	2.57	0.220	0.30	0.90	43	892	35	7 933	-447.2	1 142.3	1976	93 01 - GPP
64	1.80	0.150	0.30	0.90	38	850	37	8 017	-448.6	1 143.3	1983	84 09 - ABAND 84 07
16	4.50	0.150	0.50	0.88	45	864	41	8 355	-447.7	1 102.8	1984	96 06 - GPP
16	6.40	0.250	0.30	0.82	71	844	51	6 805	-453.8	1 130.6	1976	96 06 - GPP
16	1.60	0.210	0.57	0.91	39	879	30	7 406	-413.5	1 072.5	1985	97 12 - GPP
16	3.80	0.230	0.33	0.88	45	870	46	8 336	-432.5	1 084.9	1987	96 06

TABLE 2-6

	1	2	3	4	5	6	7	8
FIELD POOL	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
CAMPBELL-NAMAO 054-25W4 (CONTINUED)								
BLAIRMORE S	104.0	0.03		3.1		3.1	3.1	
BLAIRMORE T	51.3	0.05		2.6		2.6	2.2	0.4
BLAIRMORE U	88.7	0.05		4.4		4.4	4.1	0.3
BLAIRMORE X	88.1	<0.04		3.0		3.0	3.0	
WABAMUN A	108.0	<0.01		1.0		1.0	1.0	
FIELD TOTAL	12 210.0			954.8		954.8	892.3	62.5
CARBON 029-22W4								
GLAUCONITIC G	151.0	0.10		15.1		15.1	13.8	1.3
GLAUCONITIC H	45.6	0.03		1.4		1.4	1.4	
GLAUCONITIC J	446.0	0.20		89.2		89.2	45.8	43.4
GLAUCONITIC P	203.0	0.05		10.2		10.2	3.8	6.4
ELLERSLIE E	165.0	0.10		16.5		16.5	4.6	11.9
PEKISKO B	133.0	0.06		8.0		8.0	7.2	0.8
PEKISKO E	133.0	<0.10		12.2		12.2	12.2	
FIELD TOTAL	1 276.6			152.6		152.6	88.8	63.8
CARDIFF 055-02W5								
ELLERSLIE B	30.4	<0.03		0.9		0.9	0.9	
WABAMUN A	1 130.0	0.05		56.5		56.5	48.7	7.8
FIELD TOTAL	1 160.4			57.4		57.4	49.6	7.8
CARIBOU 062-10W5								
BEAVERHILL LAKE A	76.3	<0.01		0.7		0.7	0.7	
FIELD TOTAL	76.3			0.7		0.7	0.7	
CARMANGAY 013-22W4								
BOW ISLAND A	27.3	<0.09		2.2		2.2	2.2	
SUNBURST A	1 597.0	0.15		240.0		240.0	156.7	83.3
SUNBURST B	25.1	0.15		3.8		3.8	0.9	2.9
FIELD TOTAL	1 649.4			246.0		246.0	159.8	86.2
CAROLINE 035-06W5								
CARDIUM A	188.0	<0.02		2.7		2.7	2.7	
CARDIUM B	58.0	0.10		5.8		5.8	5.5	0.3
CARDIUM C	279.0	0.05		14.0		14.0	9.7	4.3
CARDIUM D	96.5	0.05		4.8		4.8	3.8	1.0
CARDIUM E TOTAL	10 400.0			949.0	1 691.0	2 640.0	2 335.8	304.2
PRIMARY AREA	1 301.0	0.10		130.0		130.0		
SOLVENT FLOOD AREA	4 700.0	0.09	0.21	423.0	987.0	1 410.0		
WATER FLOOD AREA	4 400.0	0.09	0.16	396.0	704.0	1 100.0		
CARDIUM F	530.0	<0.13		65.0		65.0	63.6	1.4
CARDIUM G	101.0	<0.02		1.7		1.7	1.7	
CARDIUM H	66.2	<0.04		2.5		2.5	2.5	
CARDIUM I	94.2	<0.08		6.9		6.9	6.9	
CARDIUM K	59.9	0.15		9.0		9.0	5.4	3.6
CARDIUM R	375.0	0.13		48.8		48.8	25.5	23.3
SECOND WHITE SPECKS A	164.0	<0.01		0.9		0.9	0.9	
SECOND WHITE SPECKS B	18.8	<0.05		0.8		0.8	0.8	
SECOND WHITE SPECKS C	57.3	<0.01		0.3		0.3	0.3	
FIRST WHITE SPECKS A & VIKING A	9 885.0	0.12		1 186.0		1 186.0	1 045.6	140.4
VIKING F	157.0	<0.07		10.7		10.7	10.7	
VIKING G	219.0	<0.03		5.8		5.8	5.8	
VIKING H	82.2	<0.06		4.8		4.8	4.8	
VIKING L	73.9	0.15		11.1		11.1	10.6	0.5
VIKING M	41.0	<0.02		0.8		0.8	0.8	
VIKING N	37.3	0.10		3.7		3.7	1.1	2.6
VIKING O	60.8	<0.05		2.8		2.8	2.8	
VIKING P	89.1	0.05		4.5		4.5	1.0	3.5
VIKING S	1 038.0	0.20		208.0		208.0	185.4	22.6
VIKING T	382.0	0.10		38.2		38.2	31.1	7.1
VIKING U	107.0	0.07		7.5		7.5	7.5	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
16	4.30	0.230	0.20	0.82	71	844	51	7 448	-415.1	1 069.0	1988	97 12 - GPP
16	2.60	0.220	0.30	0.80	71	845	51	7 006	-431.1	1 088.6	1989	91 01 - GPP
16	4.60	0.210	0.30	0.82	71	845	51	7 024	-430.2	1 092.6	1989	97 12 - GPP
16	4.00	0.230	0.27	0.82	71	845	51	7 034	-436.6	1 125.2	1989	96 06 - ABAND 95 06
64	1.70	0.180	0.35	0.85	48	854	38	7 465	-476.1	1 167.9	1981	92 10 - ABAND 95 06
64	2.30	0.170	0.29	0.85	39	854	53	9 166	-641.1	1 471.6	1988	97 12 - GPP
16	3.80	0.180	0.51	0.85	39	854	51	10 103	-633.6	1 473.5	1988	96 06 - GPP
128	3.27	0.200	0.29	0.75	120	847	52	10 472	-606.1	1 418.4	1993	95 12 - GPP
263	0.84	0.170	0.37	0.86	59	856	50	9 967	-583.0	1 410.8	1995	96 10 - GPP
64	3.00	0.180	0.45	0.87	48	878	37	4 097	-633.0	1 448.0	1994	95 03 - GPP
64	5.50	0.065	0.30	0.83	69	865	53	11 462	-740.0	1 581.9	1975	86 12 - GPP
64	5.50	0.065	0.30	0.83	69	865	53	11 831	-740.8	1 578.7	1973	97 12 - GPP
16	2.00	0.270	0.12	0.40	110	788	51	10 156	-560.9	1 279.0	1985	96 06 - GPP
256	7.96	0.110	0.44	0.90	50	930	43	10 647	-684.1	1 401.9	1983	94 12 - GPP
64	3.20	0.070	0.25	0.71	110	839	85	24 315	-1 631.8	2 502.5	1985	86 01 - ABAND 90 02
16	2.20	0.150	0.42	0.89	43	866	33	6 619	-195.8	1 190.8	1981	96 06 - GPP
613	3.20	0.170	0.37	0.76	95	840	48	12 458	-429.8	1 441.0	1991	93 09
16	2.20	0.170	0.50	0.84	64	851	40	12 669	-440.0	1 453.5	1991	96 12 - GPP
16	12.80	0.151	0.20	0.76	142	797	73	25 414	-1 094.7	2 255.4	1961	69 05 - ABAND 67 10
64	3.82	0.039	0.20	0.76	142	801	66	27 317	-1 168.1	2 365.4	1965	91 12 - GPP
256	2.02	0.120	0.25	0.60	257	784	73	27 617	-1 195.4	2 402.7	1973	93 05 - GPP
64	2.07	0.140	0.20	0.65	186	811	66	29 693	-1 193.1	2 378.8	1974	91 12 - GPP
9 449					352	797	73	28 974	-1 321.2	2 517.0	1974	93 08 - GPP
1 716	1.87	0.090	0.15	0.53								
3 519	2.50	0.120	0.16	0.53								
4 214	2.25	0.103	0.15	0.53								
467	3.06	0.080	0.20	0.58	246	801	77	28 125	-1 255.5	2 451.4	1976	97 12 - GPP
64	3.05	0.110	0.15	0.55	312	801	69	22 181	-1 231.8	2 429.4	1975	78 02 - ABAND 95 09
65	1.83	0.120	0.20	0.58	246	801	74	22 007	-1 203.4	2 412.2	1975	88 12 - GPP
64	2.10	0.110	0.15	0.75	140	836	70	27 528	-1 296.0	2 521.8	1985	96 06
64	2.40	0.100	0.25	0.52	312	802	74	27 372	-1 251.7	2 412.3	1989	89 06 - GPP
564	1.30	0.120	0.18	0.52	312	802	74		-1 368.1	2 513.6	1980	97 08
64	5.00	0.100	0.30	0.73	120	820	65	19 419	-1 408.5	2 621.5	1978	81 12 - ABAND 83 07
16	7.00	0.030	0.20	0.70	127	796	75	15 932	-1 236.4	2 288.9	1988	96 06 - GPP
16	8.00	0.100	0.30	0.64	177	791	84	19 670	-1 305.4	2 407.5	1986	96 06
7 800	3.10	0.080	0.30	0.73	89	825	89	17 891	-1 484.6	2 657.3	1957	97 12 - GPP
98	3.05	0.100	0.30	0.75	89	825	89	17 064	-1 344.3	2 473.6	1968	96 06 - GPP
192	3.23	0.076	0.38	0.75	139	793	77	17 475	-1 526.3	2 707.3	1977	96 06 - GPP
64	4.74	0.070	0.47	0.73	110	790	85	21 871	-1 574.7	2 786.9	1979	80 06 - ABAND 83 01
64	3.70	0.080	0.35	0.60	213	844	85	16 974	-1 332.3	2 457.3	1955	82 1I - GPP
16	6.10	0.100	0.30	0.60	210	844	66	20 134	-1 311.2	2 417.0	1962	96 06 - GPP
64	1.90	0.069	0.26	0.60	200	839	85	17 027	-1 338.2	2 457.2	1985	93 12 - GPP
32	7.50	0.065	0.35	0.60	195	803	89	19 317	-1 427.7	2 574.9	1982	96 06 - GPP
64	3.00	0.090	0.23	0.67	181	808	78	17 745	-1 443.1	2 583.0	1986	93 12 - GPP
1 300	2.50	0.060	0.29	0.75	120	816	87	22 553	-1 665.8	2 821.4	1980	95 08
256	4.36	0.070	0.27	0.67	181	816	87	18 418	-1 361.9	2 443.1	1980	84 01 - GPP
32	5.80	0.100	0.20	0.72	128	849	59	18 420	-1 362.2	2 422.4	1981	96 06 - GPP

TABLE 2-6

	1	2	3	4	5	6	7	8
FIELD POOL	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
CAROLINE 035-06W5 (CONTINUED)								
VIKING W	72.2	<0.01		0.6		0.6	0.6	
VIKING X	1 256.0	0.10		126.0		126.0	89.7	36.3
VIKING Y	96.5	<0.01		0.3		0.3	0.3	
VIKING AA	34.5	<0.09		3.1		3.1	3.1	
VIKING BB	27.0	<0.02		0.3		0.3	0.3	
VIKING CC	108.0	0.05		5.4		5.4	1.1	4.3
VIKING FF	6.7	<0.03		0.2		0.2	0.2	
UPPER MANNVILLE A	187.0	<0.01		0.4		0.4	0.4	
GLAUCONITIC K	63.9	<0.01		0.1		0.1	0.1	
BASAL MANNVILLE W	52.9	<0.01		0.1		0.1	0.1	
BASAL MANNVILLE MU #3	195.0	0.20		39.0		39.0	33.6	5.4
BASAL MANNVILLE A2A	80.5	<0.03		2.3		2.3	2.3	
BASAL MANNVILLE C2C, D2D, E2E & F2F	35.2	<0.06		1.9		1.9	1.8	0.1
BASAL MANNVILLE G2G, H2H & I2I	118.0	0.10		11.8		11.8	5.2	6.6
BASAL MANNVILLE N3N	76.5	<0.17		12.6		12.6	12.6	
BASAL MANNVILLE 030	207.0	0.15		31.1		31.1	22.8	8.3
BASAL MANNVILLE M4M	106.0	0.10		10.6		10.6	2.5	8.1
BASAL MANNVILLE R4R	76.6	0.15		11.5		11.5	0.8	10.7
RUNDLE A TOTAL	26 800.0			5 360.0	4 554.0	9 914.0	9 325.4	588.6
PRIMARY AREA	7 000.0	0.20		1 400.0		1 400.0		
WATER FLOOD AREA	19 800.0	0.20	0.23	3 960.0	4 554.0	8 514.0		
RUNDLE C	210.0	<0.02		3.0		3.0	3.0	
RUNDLE D	596.0	0.20		119.0		119.0	90.8	28.2
ELKTON M TOTAL	827.0			103.0	67.5	171.0	126.9	44.1
PRIMARY AREA	153.0	0.01		1.5		1.5		
WATER FLOOD AREA	674.0	0.15	0.10	101.0	67.5	169.0		
FIELD TOTAL	55 892.7			8 438.4	6 312.5	14 751.4	13 495.9	1 255.5
CARROT CREEK 052-13W5								
CARDIUM A TOTAL	868.0			104.0	64.3	168.0	159.5	8.5
PRIMARY AREA	63.9	0.12		7.7		7.7		
WATER FLOOD AREA	804.0	0.12	0.08	96.5	64.3	161.0		
CARDIUM B WATER FLOOD	121.0	0.17	0.03	20.6	3.6	24.2	20.4	3.8
CARDIUM D TOTAL	3 114.0			344.0	495.0	839.0	493.0	346.0
PRIMARY AREA	639.0	0.15		95.9		95.9		
WATER FLOOD AREA	2 475.0	0.10	0.20	248.0	495.0	743.0		
CARDIUM E TOTAL	442.0			52.1	34.6	86.7	80.8	5.9
PRIMARY AREA	9.1	<0.02		0.1		0.1		
WATER FLOOD AREA	433.0	0.12	0.08	52.0	34.6	86.6		
CARDIUM F TOTAL	5 655.0			858.0	600.0	1 458.0	1 269.3	188.7
PRIMARY AREA	201.0	0.20		40.2		40.2		
WATER FLOOD AREA	5 454.0	0.15	0.11	818.0	600.0	1 418.0		
CARDIUM H	151.0	0.10		15.1		15.1	2.2	12.9
CARDIUM I	176.0	0.10		17.6		17.6	15.4	2.2
CARDIUM K TOTAL	2 500.0			240.0	92.0	332.0	292.8	39.2
PRIMARY AREA	200.0	0.05		10.0		10.0		
WATER FLOOD AREA	2 300.0	0.10	0.04	230.0	92.0	322.0		
CARDIUM S	435.0	<0.04		13.5		13.5	13.5	
CARDIUM V	162.0	<0.01		0.1		0.1	0.1	
CARDIUM AA	85.6	<0.05		3.7		3.7	3.7	
CARDIUM DD	113.0	0.12		13.6		13.6	11.0	2.6
CARDIUM EE	523.0	0.11		57.5		57.5	49.9	7.6
CARDIUM FF	186.0	0.06		11.2		11.2	3.7	7.5
CARDIUM GG	1 862.0	0.03		55.9		55.9	54.5	1.4
CARDIUM JJ	360.0	0.09		32.4		32.4	19.8	12.6
CARDIUM MM	213.0	<0.03		4.4		4.4	4.4	
CARDIUM PP	184.0	0.11		20.2		20.2	17.2	3.0
CARDIUM QQ	104.0	0.05		5.2		5.2	5.2	
CARDIUM RR	29.6	0.20		5.9		5.9	1.0	4.9
CARDIUM TT	7.9	0.32		2.5		2.5	2.5	
LOWER MANNVILLE A	85.3	0.05		4.2		4.2	3.2	1.0
LOWER MANNVILLE B	221.0	<0.01		0.8		0.8	0.8	
LOWER MANNVILLE N	73.7	<0.02		1.3		1.3	1.3	
LOWER MANNVILLE T	174.0	<0.02		2.2		2.2	2.2	
LOWER MANNVILLE V	154.0	0.10		15.4		15.4	14.3	1.1
LOWER MANNVILLE W	234.0	0.03		7.0		7.0	2.5	4.5

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
64	3.21	0.069	0.24	0.67	181	808	87	18 487	-1 396.6	2 486.5	1985	89 12 - ABAND 94 10
1 019	3.23	0.078	0.27	0.67	181	808	87	19 376	-1 408.4	2 527.9	1984	89 01
64	3.00	0.100	0.25	0.67	181	808	87	18 493	-1 397.0	2 489.5	1986	92 10
64	1.10	0.120	0.32	0.60	230	818	84	17 817	-1 453.4	2 558.3	1988	96 06 - GPP
16	5.40	0.080	0.40	0.65	207	817	92	16 714	-1 332.3	2 454.9	1958	96 06 - GPP
32	7.90	0.090	0.35	0.73	111	829	86	11 351	-1 307.0	2 389.0	1956	92 11 - GPP
16	1.00	0.080	0.20	0.65	207	817	92	28 701	-1 734.7	2 915.5	1993	96 06
64	4.00	0.130	0.12	0.64	181	863	81	27 544	-1 627.5	2 718.9	1981	86 12
64	3.23	0.069	0.30	0.64	181	863	81	24 165	-1 534.0	2 609.5	1984	89 12 - ABAND 96 02
16	5.00	0.110	0.22	0.77	78	811	110	25 986	-1 689.1	2 839.6	1980	96 04 - ABAND 95 12
96	2.70	0.130	0.25	0.77	483	811	92	30 916	-1 622.5	2 698.1	1957	88 12 - GPP
32	3.90	0.130	0.20	0.62	191	806	88	27 577	-1 594.1	2 724.7	1982	97 12 - ABAND 97 09
16	4.60	0.090	0.24	0.70	191	807	88	26 079	-1 487.7	2 545.8	1986	96 06 - GPP
64	2.70	0.120	0.19	0.70	191	807	88	30 491	-1 499.8	2 554.2	1986	87 01 - GPP
32	5.82	0.073	0.25	0.75	105	830	88	28 854	-1 650.6	2 811.8	1981	96 06 - GPP
64	4.90	0.100	0.12	0.75	125	832	92	28 941	-1 705.1	2 916.6	1981	84 12 - GPP
16	11.60	0.100	0.25	0.76	190	818	84	25 180	-1 583.8	2 696.0	1961	96 05 - GPP
64	1.70	0.120	0.15	0.69	145	837	72	25 508	-1 632.2	2 768.6	1996	97 04
7 376					130	844	91	25 333	-1 638.5	2 724.8	1955	95 12 - GPP
2 950	6.54	0.070	0.29	0.73								
4 426	8.20	0.090	0.17	0.73								
124	6.36	0.050	0.24	0.70	195	863	93	27 922	-1 663.1	2 806.2	1985	96 06 - GPP
259	4.75	0.080	0.17	0.73	127	865	90	22 818	-1 676.2	2 735.7	1960	94 10 - GPP
199					150	847	31	23 993	-1 642.9	2 726.0	1985	93 08
32	6.60	0.150	0.27	0.66								
167	5.81	0.130	0.19	0.66								- GPP
403					53	834	57	10 423	-729.7	1 668.6	1963	94 12 - GPP
32	3.22	0.100	0.27	0.85								
371	4.85	0.072	0.27	0.85								
130	2.21	0.065	0.20	0.81	62	829	61	10 869	-745.1	1 664.8	1967	92 04 - GPP
1 024					65	844	52	10 455	-699.0	1 597.6	1973	94 10
318	3.52	0.080	0.15	0.84								
706	5.99	0.082	0.15	0.84								- GPP
196					50	835	57	10 636	-699.8	1 638.1	1980	97 06
63	0.56	0.036	0.13	0.83								
133	7.54	0.060	0.13	0.83								- GPP
1 934					65	854	56	10 358	-686.4	1 617.1	1973	94 12
64	4.50	0.100	0.18	0.85								
1 870	4.54	0.090	0.14	0.83								
128	5.20	0.040	0.27	0.77	63	840	57	9 103	-716.9	1 603.1	1979	88 11 - GPP
64	4.99	0.071	0.10	0.86	53	834	57	8 673	-635.6	1 508.9	1967	84 12 - GPP
837					50	838	68	11 040	-769.8	1 764.8	1982	94 10
128	3.03	0.072	0.15	0.84								
709	6.31	0.072	0.15	0.84								- GPP
192	3.74	0.080	0.11	0.85	65	836	56	14 943	-652.9	1 530.6	1984	92 10 - ABAND 94 02
64	3.00	0.110	0.10	0.85	50	838	68	9 141	-717.6	1 628.4	1984	84 12 - ABAND 88 11
128	1.69	0.066	0.25	0.80	48	842	68	9 116	-685.9	1 558.8	1984	96 06 - GPP
20	11.40	0.083	0.30	0.85	50	852	68	7 926	-706.1	1 586.6	1985	94 10 - GPP
100	9.32	0.070	0.10	0.89	51	845	56	9 742	-700.0	1 597.9	1985	97 12 - GPP
64	2.70	0.170	0.21	0.80	104	826	63	9 154	-698.9	1 565.7	1983	96 08 - GPP
815	4.48	0.080	0.25	0.85	54	837	57	10 524	-675.5	1 565.0	1983	96 05 - GPP
191	3.65	0.080	0.24	0.85	61	819	60	8 457	-695.5	1 576.4	1986	96 08
64	5.70	0.081	0.15	0.85	75	849	56	11 824	-569.6	1 401.5	1985	93 02 - ABAND 92 10
40	7.50	0.090	0.20	0.85	61	819	60	10 611	-685.2	1 591.5	1987	93 12 - GPP
27	5.53	0.090	0.10	0.86	46	793	57	10 513	-742.4	1 659.8	1966	96 06 - GPP
32	2.00	0.080	0.32	0.85	65	742	56	10 017	-738.1	1 670.1	1992	94 01 - GPP
64	0.52	0.050	0.35	0.73	125	850	60	13 794	-636.4	1 499.9	1960	96 12 - ABAND 63 05
16	6.40	0.170	0.30	0.70	135	835	62	15 456	-1 219.7	2 182.5	1978	97 12 - GPP
64	6.40	0.140	0.45	0.70	125	842	82	17 835	-1 274.0	2 175.2	1979	85 09 - ABAND 90 05
64	2.30	0.130	0.45	0.70	130	884	86	17 842	-1 271.9	2 181.0	1980	94 02 - ABAND 93 09
64	5.00	0.120	0.38	0.73	110	846	59	15 931	-1 247.1	2 129.3	1981	88 12 - ABAND 93 09
64	5.20	0.096	0.35	0.74	105	826	78	14 137	-1 213.7	2 100.0	1986	87 03 - GPP
64	7.30	0.110	0.35	0.70	125	844	84	16 294	-1 266.7	2 166.6	1987	97 03 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
CARROT CREEK 052-13W5 (CONTINUED)								
LOWER MANNVILLE BB	58.3	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE M, JURASSIC O,P,V & W	4 600.0	0.05		230.0		230.0	218.9	11.1
JURASSIC A	213.0	<0.01		0.2		0.2	0.2	
JURASSIC X,AA & CC	254.0	0.06		15.2		15.2	7.3	7.9
FIELD TOTAL	23 359.4			2 154.0	1 289.5	3 443.2	2 770.8	672.4
CARSON CREEK 061-11W5								
VIKING A	315.0	0.10		31.5		31.5	16.1	15.4
FIELD TOTAL	315.0			31.5		31.5	16.1	15.4
CARSON CREEK NORTH 062-12W5								
BEAVERHILL LAKE A & B TOTAL	60 200.0			9 033.0	18 480.0	27 510.0	25 419.4	2 090.6
PRIMARY AREA	198.0	<0.17		32.9		32.9		
WATER FLOOD AREA	60 000.0	0.15	0.30	9 000.0	18 480.0	27 480.0		
FIELD TOTAL	60 200.0			9 033.0	18 480.0	27 510.0	25 419.4	2 090.6
CARSTAIRS 030-02W5								
CARDIUM A	240.0	0.03		7.2		7.2	4.4	2.8
CARDIUM B	23.3	<0.01		0.2		0.2	0.2	
BLACKSTONE A	129.0	0.05		6.5		6.5	0.7	5.8
VIKING B	200.0	0.10		20.0		20.0	18.9	1.1
VIKING C	65.7	<0.10		6.3		6.3	6.3	
VIKING D	58.1	0.05		2.9		2.9	0.4	2.5
VIKING E	80.6	0.15		12.1		12.1	2.3	9.8
FIELD TOTAL	796.7			55.2		55.2	33.2	22.0
CARVEL 053-02W5								
ELLERSLIE A	65.6	0.10		6.6		6.6	0.9	5.7
FIELD TOTAL	65.6			6.6		6.6	0.9	5.7
CAVALIER 024-24W4								
VIKING A	31.9	0.15		4.8		4.8	0.5	4.3
GLAUCONITIC A WATER FLOOD	1 280.0	0.15	0.10	192.0	128.0	320.0	159.5	160.5
GLAUCONITIC C WATER FLOOD	675.0	0.15	0.15	101.0	101.0	202.0	63.6	138.4
GLAUCONITIC D	386.0	0.06		23.2		23.2	1.6	21.6
GLAUCONITIC F WATER FLOOD	345.0	0.20	0.10	69.0	34.5	104.0	18.7	85.3
GLAUCONITIC K	68.8	0.15		10.3		10.3	1.3	9.0
GLAUCONITIC L	185.0	0.15		27.8		27.8	10.6	17.2
GLAUCONITIC O	141.0	0.15		21.2		21.2	1.8	19.4
FIELD TOTAL	3 112.7			449.3	263.5	713.3	257.6	455.7
CENTRON 023-26W4								
LOWER MANNVILLE A	17.5	<0.02		0.3		0.3	0.3	
FIELD TOTAL	17.5			0.3		0.3	0.3	
CESSFORD 025-13W4								
VIKING FF	82.2	<0.01		0.2		0.2	0.2	
VIKING VV	84.2	0.15		12.6		12.6	6.9	5.7
VIKING ZZ	5.5	0.20		1.1		1.1	0.6	0.5
BASAL COLORADO H.P MANNVILLE M & U4U	181.0	0.05		9.1		9.1	1.1	8.0
MANNVILLE O2O	88.7	<0.08		6.6		6.6	6.5	0.1
MANNVILLE HH & O3O	191.0	0.03		5.7		5.7	3.8	1.9
MANNVILLE Q5Q	160.0	<0.01		0.7		0.7	0.7	
MANNVILLE W5W	249.0	0.05		12.5		12.5	3.7	8.8
BASAL QUARTZ J	81.0	<0.01		0.5		0.5	0.5	
PEKISKO A	63.6	<0.03		1.4		1.4	1.4	
BANFF B	6 802.0	<0.07		425.0		425.0	379.7	45.3

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
32	2.20	0.140	0.20	0.74	116	827	78	16 504	-1 127.3	1 987.2	1988	95 11 - ABAND 94 08
1 054	8.61	0.110	0.36	0.72	53	834	57	17 084	-1 213.1	2 128.3	1976	94 12 - GPP
64	7.00	0.100	0.35	0.73	125	850	60	17 077	-1 265.8	2 187.7	1979	83 12 - ABAND 80 02
64	7.50	0.130	0.45	0.74	115	864	60	17 071	-1 262.1	2 207.3	1979	96 08 - GPP
128	2.70	0.166	0.37	0.87	50	836	56	8 457	-485.4	1 373.7	1988	88 09 - GPP
7 228					274	806	88	25 740	-1 729.8	2 648.8	1958	94 12
128	3.84	0.080	0.16	0.60								
7 100	21.93	0.080	0.14	0.56								- GPP
64	6.00	0.130	0.35	0.74	119	836	66	16 778	-875.5	1 981.0	1983	86 12 - GPP
64	1.00	0.070	0.35	0.80	82	854	59	16 616	-852.0	1 956.5	1983	84 10 - ABAND 90 10
64	4.50	0.080	0.30	0.80	85	844	61	20 977	-940.7	2 037.0	1983	92 06 - GPP
128	2.72	0.110	0.37	0.83	68	835	71	13 809	-1 098.9	2 206.9	1958	89 07 - GPP
32	3.00	0.150	0.45	0.83	68	835	71	12 027	-1 050.7	2 174.6	1980	96 06 - GPP
64	2.10	0.120	0.60	0.90	30	863	62	12 964	-1 180.8	2 264.4	1964	92 12 - GPP
32	3.50	0.150	0.20	0.60	74	847	68	12 225	-1 086.9	2 182.4	1958	95 08 - GPP
64	1.90	0.130	0.50	0.83	92	847	45	11 426	-639.6	1 423.9	1994	95 10 - GPP
64	0.50	0.160	0.25	0.83	75	850	45	7 466	-427.3	1 361.8	1994	95 03
160	6.78	0.180	0.21	0.83	70	871	49	12 370	-670.1	1 623.4	1978	97 01 - GPP
129	3.71	0.200	0.15	0.83	69	867	49	11 196	-629.6	1 568.3	1993	95 12 - GPP
32	10.20	0.190	0.25	0.83	69	867	49	11 518	-673.5	1 678.5	1993	96 08
64	4.50	0.190	0.24	0.83	69	866	49	11 731	-650.7	1 618.3	1993	96 03 - GPP
16	3.50	0.200	0.26	0.83	69	866	49	11 825	-671.9	1 633.8	1992	92 09 - GPP
56	3.25	0.170	0.28	0.83	69	867	49	11 723	-662.2	1 667.2	1993	97 08 - GPP
64	1.30	0.240	0.15	0.83	70	867	49		-642.6	1 535.7	1996	97 04 - GPP
16	1.50	0.120	0.24	0.80	180	805	52	14 720	-899.3	1 908.0	1989	96 06
64	1.00	0.220	0.41	0.99	50	833	31	7 398	-110.2	827.5	1990	94 11 - ABAND 91 06
64	1.00	0.220	0.35	0.92	36	850	28	7 621	-107.6	853.5	1993	93 11 - GPP
16	0.50	0.140	0.45	0.90	35	842	42	7 007	-112.5	855.8	1993	94 11 - GPP
128	1.36	0.230	0.48	0.87	60	878	33	9 689	-290.2	1 053.8	1955	96 08 - GPP
64	1.50	0.220	0.40	0.70	130	766	30	9 639	-311.5	1 102.3	1985	96 06 - GPP
64	5.00	0.140	0.48	0.82	70	863	47	10 128	-430.4	1 269.8	1972	85 12 - GPP
32	5.20	0.190	0.45	0.92	33	887	34	9 425	-294.1	1 002.1	1994	95 10 - ABAND 95 07
32	6.00	0.220	0.33	0.88	59	865	32	8 932	-276.8	999.2	1995	96 06 - GPP
32	2.50	0.190	0.35	0.82	80	868	31	9 181	-280.0	997.3	1993	95 02 - ABAND 94 08
65	1.83	0.100	0.40	0.89	66	844	44	9 705	-370.1	1 282.4	1959	61 09 - ABAND 68 05
2 501	3.92	0.145	0.45	0.87	46	877	40	10 005	-445.3	1 281.9	1972	94 12 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
CESSFORD 025-13W4 (CONTINUED)								
BANFF E	31.2	<0.09		2.5		2.5	2.5	
BANFF F	147.0	<0.01		0.1		0.1		0.1
BANFF H	25.3	<0.01		0.1		0.1	0.1	
BANFF I	50.7	<0.01		0.1		0.1	0.1	
BANFF J	138.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL *	8 380.4			478.3		478.3	407.9	70.4
CHAIN 033-17W4								
VIKING A	12.4	<0.03		0.3		0.3	0.2	0.1
VIKING D	516.0	0.13		67.1		67.1	61.2	5.9
VIKING F	138.0	<0.04		4.6		4.6	4.6	
BANFF A	3 100.0	0.09		279.0		279.0	243.3	35.7
BANFF B	53.8	<0.10		4.9		4.9	4.9	
BANFF D	97.8	0.20		19.6		19.6	11.6	8.0
BANFF E	27.6	<0.01		0.2		0.2	0.2	
BANFF F	45.1	<0.05		1.9		1.9	1.9	
BANFF G	124.0	0.15		18.6		18.6	13.5	5.1
FIELD TOTAL	4 114.7			396.2		396.2	341.4	54.8
CHAMBERLAIN 052-23W4								
BLAIRMORE	511.0	<0.07		33.5		33.5	33.5	
FIELD TOTAL	511.0			33.5		33.5	33.5	
CHEDDERVILLE 037-07W5								
CARDIUM A	75.2	<0.01		0.5		0.5	0.5	
CARDIUM B	62.3	0.15		9.3		9.3	1.7	7.6
VIKING A WATER FLOOD	1 782.0	0.15	0.25	267.0	446.0	713.0	287.7	425.3
VIKING C	73.9	0.15		11.0		11.0	9.7	1.3
FIELD TOTAL	1 993.4			287.8	446.0	733.8	299.6	434.2
CHERHILL 056-05W5								
VIKING C	101.0	0.20		20.2		20.2	17.8	2.4
VIKING D	124.0	<0.01		1.1		1.1	1.1	
DETRITAL A	58.1	0.10		5.8		5.8	4.1	1.7
BANFF A TOTAL	13 000.0			1 940.0	1 625.0	3 565.0	2 511.1	1 053.9
PRIMARY AREA	500.0	0.13		65.0		65.0		
WATER FLOOD AREA	12 500.0	0.15	0.13	1 875.0	1 625.0	3 500.0		
BANFF H	8 006.0	0.05		400.0		400.0	278.3	121.7
BANFF J	109.0	<0.05		5.2		5.2	5.2	
BANFF P	327.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL *	21 725.1			2 372.4	1 625.0	3 997.4	2 817.7	1 179.7
CHICKADEE 061-16W5								
GETHING D	88.1	<0.01		0.2		0.2	0.2	
FIELD TOTAL	88.1			0.2		0.2	0.2	
CHICKEN 061-07W6								
CHINOOK A	429.0	0.05		21.5		21.5	8.8	12.7
CHINOOK D	116.0	0.10		11.6		11.6	3.6	8.0
CARDIUM A	127.0	0.10		12.7		12.7	1.8	10.9
FIELD TOTAL	672.0			45.8		45.8	14.2	31.6
CHIGWELL 041-24W4								
BELLY RIVER D	144.0	<0.03		3.9		3.9	3.9	
VIKING B TOTAL	2 702.0			324.0	10.6	335.0	311.8	23.2
PRIMARY AREA	1 642.0	0.12		197.0		197.0		
WATER FLOOD AREA	1 060.0	0.12	0.01	127.0	10.6	138.0		
VIKING D	89.5	<0.05		4.2		4.2	4.2	
VIKING E	8 152.0	0.05		408.0		408.0	348.8	59.2
MANNVILLE G	134.0	<0.01		0.2		0.2	0.2	
MANNVILLE H	289.0	0.10		28.9		28.9	17.9	11.0
MANNVILLE I	42.2	<0.08		3.2		3.2	3.2	
MANNVILLE K	45.9	0.05		2.3		2.3	2.2	0.1

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
16	2.20	0.160	0.37	0.88	55	857	50	8 228	-432.5	1 232.8	1985	96 06 - GPP
64	8.50	0.050	0.38	0.87	50	859	40	8 948	-374.0	1 317.5	1987	88 07 - ABAND 87 07
16	4.50	0.080	0.50	0.88	51	878	43	10 596	-303.5	1 047.3	1991	92 11 - ABAND 91 11
16	4.50	0.160	0.50	0.88	51	878	43	10 594	-299.2	1 027.3	1991	96 06
32	7.00	0.140	0.50	0.88	51	878	43	8 465	-310.4	1 045.0	1991	94 11 - ABAND 91 10
16	1.00	0.150	0.40	0.86	50	838	42	6 709	-243.2	1 066.3	1974	95 12
632	0.90	0.170	0.38	0.86	62	834	34	8 303	-274.5	1 126.4	1976	97 12 - GPP
64	1.60	0.230	0.32	0.86	55	832	36	8 296	-293.7	1 159.8	1985	95 02 - ABAND 94 12
768	9.60	0.070	0.23	0.78	112	865	40	9 373	-412.7	1 259.5	1984	97 12
32	2.50	0.140	0.40	0.80	50	860	38	9 484	-402.9	1 236.8	1985	96 06 - GPP
64	4.00	0.070	0.30	0.78	112	856	43	8 432	-463.5	1 303.8	1985	87 12 - GPP
64	2.50	0.050	0.54	0.75	113	860	40	9 068	-400.0	1 240.8	1985	89 12 - ABAND 90 09
16	10.30	0.050	0.27	0.75	113	868	40	9 284	-428.6	1 249.1	1977	96 06 - GPP
64	7.20	0.060	0.40	0.75	88	860	40	9 468	-464.4	1 309.0	1987	88 12 - GPP
45	7.53	0.252	0.32	0.88	41	892	46	8 290	-436.1	1 124.8	1951	93 02 - ABAND 92 11
64	1.70	0.120	0.20	0.72	115	815	70	22 520	-1 203.6	2 253.2	1985	86 03 - ABAND 91 04
64	1.40	0.110	0.20	0.79	90	822	71		-1 194.2	2 221.1	1996	97 10
1 512	3.16	0.070	0.27	0.73	115	815	63	17 550	-1 558.0	2 639.4	1987	97 10 - GPP
64	2.48	0.080	0.29	0.82	207	809	92	17 033	-1 451.8	2 530.4	1988	89 06
64	1.24	0.190	0.20	0.84	62	844	56	8 157	-436.2	1 140.6	1973	97 12 - GPP
64	1.86	0.160	0.25	0.87	55	849	38	7 614	-443.8	1 157.3	1977	83 12 - ABAND 89 03
64	1.00	0.170	0.40	0.89	74	867	45	11 247	-606.1	1 304.8	1983	86 10 - GPP
1 632					64	871	48	11 325	-613.9	1 324.0	1966	94 12
96	8.24	0.130	0.36	0.76								
1 536	10.20	0.150	0.30	0.76								- GPP
1 279	5.71	0.200	0.37	0.87	68	825	41	11 050	-651.2	1 354.9	1973	95 03 - GPP
32	4.57	0.140	0.30	0.76	73	865	47	10 115	-627.6	1 345.4	1968	82 09
64	3.70	0.240	0.33	0.86	48	892	64	10 992	-622.3	1 351.2	1984	88 12
64	2.73	0.120	0.40	0.70	156	824	82	13 599	-937.2	1 838.1	1980	88 12 - GPP
96	7.25	0.160	0.45	0.70	120	804	54	11 489	-623.7	1 935.3	1987	94 08 - GPP
16	10.00	0.160	0.48	0.87	45	809	44	10 434	-606.6	1 863.5	1993	94 09
64	4.40	0.110	0.36	0.64	189	801	53	21 570	-868.4	2 052.3	1982	92 06 - GPP
32	3.05	0.261	0.35	0.87	27	805	33	5 777	34.6	780.7	1965	93 07 - ABAND 71 10
1 581					50	844	46	7 836	-535.5	1 416.6	1959	96 09
1 000	2.34	0.130	0.40	0.90								
581	2.60	0.130	0.40	0.90								
64	3.20	0.120	0.60	0.91	34	830	58	8 102	-549.1	1 464.6	1982	89 12 - ABAND 88 09
3 376	3.24	0.130	0.37	0.91	34	858	58	8 017	-551.3	1 399.1	1980	89 03
65	1.83	0.150	0.15	0.89	39	910	51	12 463	-707.6	1 648.2	1977	77 06 - ABAND 78 05
64	4.00	0.170	0.20	0.83	59	915	63	12 464	-692.9	1 595.1	1978	78 10 - GPP
16	2.20	0.170	0.15	0.83	58	850	63	14 135	-723.1	1 627.3	1978	96 06 - GPP
64	1.20	0.180	0.60	0.83	59	874	63	11 522	-706.2	1 572.8	1985	86 06 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
CHIGWELL 041-24W4 (CONTINUED)								
MANNVILLE E & UPPER MANNVILLE A	8 287.0	0.07		580.0		580.0	422.9	157.1
UPPER MANNVILLE B	68.1	<0.07		4.6		4.6	4.6	
UPPER MANNVILLE C	261.0	<0.01		0.2		0.2	0.2	
D-2 A	616.0	0.35		216.0		216.0	145.7	70.3
D-2 B	57.2	0.23		13.2		13.2	11.4	1.8
D-2 C	499.0	0.14		69.9		69.9	67.7	2.2
D-2 D	98.8	<0.03		2.0		2.0	2.0	
D-3 A	84.4	0.10		8.4		8.4	6.5	1.9
D-3 B	538.0	0.35		188.0		188.0	173.6	14.4
D-3 C	254.0	<0.01		0.4		0.4	0.4	
D-3 E	228.0	<0.29		65.1		65.1	65.1	
D-3 F	74.2	<0.01		0.1		0.1	0.1	
D-3 G	372.0	0.25		93.0		93.0	11.7	81.3
FIELD TOTAL *	23 036.3			2 015.6	10.6	2 026.6	1 604.1	422.5
CHIGWELL NORTH 042-24W4								
D-3 A	110.0	<0.01		0.5		0.5	0.5	
D-3 B	130.0	0.30		39.0		39.0	19.5	19.5
D-3 C	377.0	0.16		60.3		60.3	47.2	13.1
D-3 D	47.5	<0.03		1.0		1.0	1.0	
FIELD TOTAL	664.5			100.8		100.8	68.2	32.6
CHINCHAGA 097-08W6								
BLSKY-GETH-MONTNEY B	472.0	0.05		23.6		23.6	9.6	14.0
SLAVE POINT B	117.0	0.10		11.7		11.7	1.0	10.7
FIELD TOTAL	589.0			35.3		35.3	10.6	24.7
CHINCHAGA NORTH 098-08W6								
SLAVE POINT A	5 129.0	0.20		1 026.0		1 026.0	393.6	632.4
FIELD TOTAL	5 129.0			1 026.0		1 026.0	393.6	632.4
CHIP LAKE 053-10W5								
BELLY RIVER A	196.0	0.10		19.6		19.6	1.6	18.0
ROCK CREEK A	222.0	0.10		22.2		22.2	14.2	8.0
ROCK CREEK B	237.0	0.10		23.7		23.7	12.0	11.7
ROCK CREEK D	342.0	0.20		68.4		68.4	21.0	47.4
ROCK CREEK F	71.9	0.03		2.2		2.2	2.2	
ROCK CREEK G	284.0	0.10		28.4		28.4	15.1	13.3
FIELD TOTAL	1 352.9			164.5		164.5	66.1	98.4
CINDY 077-01W6								
DEBOLT A	443.0	0.10		44.3		44.3	27.5	16.8
D-1 A	75.0	<0.07		4.8		4.8	4.8	
D-1 B	213.0	<0.05		8.7		8.7	8.7	
FIELD TOTAL	731.0			57.8		57.8	41.0	16.8
CLARESHOLM 013-26W4								
BARONS B	15.5	0.10		1.6		1.6	0.7	0.9
BARONS D	389.0	0.25		97.3		97.3	11.0	86.3
BARONS E	78.0	0.10		7.8		7.8	2.8	5.0
BLAIRMORE B	901.0	0.20		180.0		180.0	86.8	93.2
GLAUCONITIC C	58.7	<0.06		3.0		3.0	3.0	
RUNDLE A	1 916.0	<0.03		50.9		50.9	50.9	
RUNDLE B	1 338.0	<0.04		46.0		46.0	40.5	5.5
RUNDLE C	56.4	<0.08		4.2		4.2	4.2	
RUNDLE F	186.0	<0.03		3.8		3.8	3.8	
RUNDLE G	107.0	0.05		5.4		5.4	0.2	5.2
RUNDLE H	136.0	0.10		13.6		13.6	4.4	9.2
RUNDLE I	81.0	0.10		8.1		8.1	1.6	6.5
FIELD TOTAL	5 262.6			421.7		421.7	209.9	211.8

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
5 376	1.51	0.150	0.18	0.83	33	921	48	12 409	-694.1	1 578.9	1964	83 02 - GPP
16	3.35	0.180	0.15	0.83	59	915	63	13 498	-697.5	1 602.5	1977	96 06 - GPP
64	4.00	0.150	0.20	0.85	80	900	60	7 799	-579.9	1 443.0	1979	80 06 - ABAND 81 01
128	11.60	0.070	0.21	0.75	106	829	70	15 509	-980.9	1 834.5	1955	96 10 - GPP
32	2.59	0.140	0.42	0.85	106	829	71	16 821	-1 022.9	1 879.9	1959	97 12 - GPP
404	4.57	0.045	0.25	0.80	83	829	72	16 985	-996.1	1 879.1	1968	91 12 - GPP
65	3.96	0.060	0.20	0.80	83	829	57	14 142	-993.2	1 872.5	1974	75 08 - ABAND 77 07
100	3.02	0.050	0.19	0.69	147	820	60	17 244	-1 048.8	1 932.4	1964	96 04 - GPP
90	12.16	0.080	0.18	0.75	105	855	63	16 859	-1 054.9	1 941.8	1968	89 12 - GPP
64	5.50	0.110	0.10	0.73	110	844	65	19 181	-1 241.6	2 129.3	1981	82 03 - ABAND 81 12
83	7.30	0.062	0.17	0.73	129	834	71	14 330	-1 043.5	1 908.4	1983	96 06
64	2.30	0.070	0.10	0.80	81	874	56	16 014	-982.8	1 850.2	1986	87 04 - ABAND 87 08
128	8.61	0.060	0.25	0.75	105	855	63	15 252	-1 059.9	1 945.3	1985	97 12 - GPP
64	4.50	0.070	0.25	0.73	120	844	59	13 749	-979.1	1 843.3	1980	82 03 - ABAND 84 07
32	7.30	0.090	0.15	0.73	119	832	72	12 804	-948.4	1 848.7	1991	92 03 - GPP
64	8.00	0.120	0.16	0.73	119	833	72	12 730	-941.6	1 836.8	1991	94 12 - GPP
16	5.20	0.080	0.14	0.83	120	840	59	13 237	-973.8	1 849.0	1990	96 06
64	7.00	0.170	0.34	0.94	28	857	41	5 396	-91.0	857.7	1994	96 12
64	10.00	0.040	0.25	0.61	206	797	90	23 899	-1 609.5	2 294.0	1996	96 08
1 210	6.30	0.120	0.11	0.63	158	828	96	23 247	-1 502.9	2 234.3	1995	96 12 - GPP
64	4.34	0.180	0.55	0.87	60	836	35	8 500	-241.6	1 079.3	1995	96 02
32	10.50	0.125	0.34	0.80	85	838	58	18 579	-1 000.9	1 810.5	1981	92 08 - GPP
64	5.50	0.120	0.30	0.80	93	841	60	18 632	-1 008.2	1 856.3	1978	97 11 - GPP
320	1.90	0.120	0.34	0.71	144	821	72	16 046	-1 071.5	1 934.8	1993	97 09 - GPP
16	6.00	0.130	0.28	0.80	93	841	60	18 229	-1 011.3	1 871.0	1989	97 03
64	6.60	0.120	0.30	0.80	93	841	60		-1 011.8	1 862.8	1989	97 11
110	3.58	0.210	0.20	0.67	163	832	64	15 924	-903.7	1 534.4	1987	90 03 - GPP
10	21.80	0.050	0.14	0.80	72	842	70	22 494	-1 504.1	2 118.9	1984	96 06 - GPP
16	59.50	0.040	0.30	0.80	68	838	69	22 681	-1 528.7	2 136.8	1985	96 06
64	0.70	0.050	0.10	0.77	110	813	70	13 882	-1 032.1	2 083.6	1987	94 08 - GPP
428	1.10	0.160	0.24	0.68	126	828	55		-736.6	1 718.8	1996	97 09
32	2.30	0.160	0.23	0.86	65	854	43		-688.6	1 655.3	1996	97 10 - GPP
595	2.12	0.150	0.30	0.68	150	810	51		-1 075.6	2 124.4	1980	97 08
64	1.30	0.120	0.30	0.84	65	857	50	8 613	-819.1	1 780.7	1980	94 05 - ABAND 93 12
129	28.96	0.086	0.16	0.71	131	844	55	19 784	-1 067.4	2 065.9	1971	96 06 - GPP
194	14.11	0.081	0.15	0.71	131	844	54	19 729	-1 065.8	2 061.3	1972	97 12 - GPP
65	3.05	0.060	0.35	0.73	128	849	60	20 536	-1 090.4	2 067.9	1967	73 01 - GPP
64	13.00	0.035	0.15	0.75	135	863	67	25 233	-1 160.9	2 122.5	1980	81 10 - ABAND 82 05
32	11.70	0.050	0.26	0.77	127	847	55	20 386	-1 070.4	2 050.8	1994	96 07
32	7.80	0.100	0.29	0.77	127	847	55	20 091	-1 130.2	2 122.3	1996	97 03
64	3.51	0.090	0.48	0.77	127	847	55	20 129	-1 135.3	2 121.1	1995	97 04

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 INITIAL ESTABLISHED RESERVES ENHANCED 10^3m^3	6 INITIAL ESTABLISHED RESERVES TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
CLEAR HILLS 087-10W6								
HALFWAY A	219.0	0.20		43.8		43.8	21.3	22.5
HALFWAY B	130.0	0.10		13.0		13.0	0.4	12.6
FIELD TOTAL	349.0			56.8		56.8	21.7	35.1
CLEAR PRAIRIE 091-12W6								
GETHING A	304.0	<0.01		0.2		0.2	0.2	
TRIASSIC A	186.0	<0.01		0.3		0.3	0.3	
FIELD TOTAL	490.0			0.5		0.5	0.5	
CLIVE 040-24W4								
GLAUCONITIC A	195.0	<0.01		0.1		0.1	0.1	
GLAUCONITIC B	64.0	<0.01		0.1		0.1	0.1	
GLAUCONITIC C	350.0	0.10		35.0		35.0	28.1	6.9
GLAUCONITIC D	66.4	0.10		6.6		6.6	0.6	6.0
D-2 A TOTAL	7 144.0			2 475.0	1 255.0	3 730.0	3 426.3	303.7
PRIMARY AREA	170.0	0.20		34.0		34.0		
WATER FLOOD AREA	6 974.0	0.35	0.18	2 441.0	1 255.0	3 696.0		
D-2 B TOTAL	683.0			126.0	60.0	186.0	185.9	0.1
PRIMARY AREA	183.0	<0.01		1.0		1.0		
WATER FLOOD AREA	500.0	0.25	0.12	125.0	60.0	185.0		
D-2 C	35.0	<0.07		2.2		2.2	2.2	
D-3 A TOTAL	12 310.0			4 925.0	3 000.0	7 925.0	6 978.6	946.4
PRIMARY AREA	313.0	0.40		125.0		125.0		
WATER FLOOD AREA	12 000.0	0.40	0.25	4 800.0	3 000.0	7 800.0		
FIELD TOTAL	20 847.4			7 570.0	4 315.0	11 885.0	10 621.9	1 263.1
CLOVER 061-17W5								
GETHING A	60.5	<0.01		0.1		0.1	0.1	
FIELD TOTAL	60.5			0.1		0.1	0.1	
CONNEMARA 016-27W4								
RUNDLE A	163.0	0.10		16.3		16.3	0.1	16.2
FIELD TOTAL	163.0			16.3		16.3	0.1	16.2
CONNORSVILLE 026-15W4								
NISKU A	92.6	0.10		9.3		9.3	1.8	7.5
FIELD TOTAL *	92.6			9.3		9.3	1.8	7.5
CORDEL 042-16W5								
CARDIUM A	575.0	0.15		86.3		86.3	10.3	76.0
FIELD TOTAL	575.0			86.3		86.3	10.3	76.0
CORNWALL 070-26W5								
GILWOOD A	102.0	0.10		10.2		10.2	2.6	7.6
FIELD TOTAL	102.0			10.2		10.2	2.6	7.6
COUNTESS 021-15W4								
UPPER MANNVILLE K2K	92.3	0.10		9.2		9.2	0.9	8.3
LOWER MANNVILLE Z TOTAL	4 203.0			420.0	960.0	1 380.0	329.9	1 050.1
PRIMARY AREA	201.0	0.10		20.1		20.1		
WATER FLOOD AREA	4 002.0	0.10	0.24	400.0	960.0	1 360.0		
LOWER MANNVILLE EE	113.0	0.05		5.7		5.7	0.6	5.1
LOWER MANNVILLE FF	164.0	0.05		8.2		8.2	0.1	8.1
LOWER MANNVILLE GG	78.1	0.10		7.8		7.8	1.1	6.7
FIELD TOTAL *	4 650.4			450.9	960.0	1 410.9	332.6	1 078.3
COUTTS 001-16W4								
MOULTON A WATER FLOOD	2 168.0	<0.25	0.27	524.0	585.0	1 109.0	774.5	334.5
MOULTON B	89.2	<0.01		0.7		0.7	0.7	
MOULTON D	112.0	0.20		22.4		22.4	14.7	7.7

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
64	4.30	0.160	0.31	0.72	118	823	64	9 884	-466.7	1 238.2	1991	91 10 - GPP
64	2.95	0.130	0.37	0.84	70	819	45		-453.4	1 156.9	1996	97 09
64	3.70	0.230	0.38	0.90	35	882	36	7 801	-247.2	1 090.6	1975	92 10 - ABAND 94 12
64	3.00	0.200	0.45	0.88	43	894	49	8 225	-254.6	1 052.3	1979	89 06 - ABAND 91 02
64	4.00	0.130	0.35	0.90	35	881	62	11 541	-698.7	1 584.8	1978	79 01 - ABAND 79 09
64	1.40	0.120	0.30	0.85	58	881	62	11 446	-690.2	1 578.7	1978	83 12 - ABAND 97 07
128	2.64	0.160	0.28	0.90	35	881	45	10 248	-664.6	1 513.9	1982	92 11
64	1.24	0.140	0.28	0.83	66	881	47	11 503	-696.6	1 583.6	1977	94 08 - GPP
3 505					148	820	69	17 100	-982.7	1 862.9	1951	97 12 - GPP
173	2.96	0.060	0.20	0.69								
3 332	6.32	0.060	0.20	0.69								
322					148	820	68	16 952	-991.4	1 838.5	1966	93 12 - GPP
64	5.89	0.080	0.12	0.69								
258	6.12	0.052	0.12	0.69								
65	1.22	0.080	0.20	0.69	142	820	67	17 167	-989.7	1 891.9	1964	70 05 - ABAND 67 01
4 250					155	825	66	17 593	-1 017.8	1 894.0	1952	91 11
188	5.02	0.060	0.20	0.69								
4 062	8.92	0.060	0.20	0.69								- GPP
64	1.50	0.150	0.40	0.70	156	824	82	15 556	-1 086.3	2 018.0	1980	83 12 - GPP
32	8.35	0.120	0.35	0.78	82	842	73	21 500	-1 275.3	2 300.6	1956	96 10
16	7.50	0.130	0.31	0.86	63	886	41	12 165	-614.7	1 410.8	1996	97 02 - GPP
64	12.10	0.090	0.15	0.97	11	799	30	3 650	447.1	1 072.0	1996	97 08
32	4.80	0.100	0.20	0.83	100	844	95	26 953	-2 536.0	3 196.4	1983	91 12 - GPP
32	4.00	0.180	0.55	0.89	56	869	37		-405.7	1 194.0	1996	97 09
602					56	868	37	10 900	-390.6	1 141.2	1993	97 12
32	5.20	0.220	0.37	0.87								
570	6.10	0.210	0.37	0.87								- GPP
16	7.00	0.210	0.44	0.86	66	880	32	6 415	-326.4	1 098.4	1995	96 09 - GPP
16	7.00	0.230	0.26	0.86	66	881	32	11 012	-404.2	1 162.2	1996	96 09
24	3.62	0.190	0.45	0.86	66	881	32	11 367	-324.7	1 093.6	1996	97 01
288	6.95	0.210	0.40	0.86	55	825	29	6 468	316.3	773.6	1966	96 11 - GPP
64	2.16	0.150	0.50	0.86	64	825	29	6 364	302.5	765.8	1969	83 12 - ABAND 86 04
43	2.51	0.200	0.39	0.85	55	820	27	7 025	283.3	781.6	1988	94 01 - GPP

TABLE 2-6

FIELD POOL	1	2	3	4	5	6	7	8
		RECOVERY		INITIAL ESTABLISHED RESERVES				
	INITIAL VOLUME IN PLACE	PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL	CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
COUTTS 001-16W4 (CONTINUED)								
MOULTON F	14.9	<0.03		0.3		0.3	0.3	
MOULTON G	146.0	0.15		21.9		21.9	14.9	7.0
MOULTON H	57.9	0.20		11.6		11.6	0.8	10.8
MOULTON I	114.0	0.15		17.1		17.1	8.2	8.9
CUTBANK A	30.2	<0.04		1.0		1.0	1.0	
FIELD TOTAL	2 732.2			599.0	585.0	1 184.0	815.1	368.9
COYOTE 029-15W4								
GLAUCONITIC G	94.1	<0.01		0.1		0.1	0.1	
BANFF A	70.3	<0.01		0.3		0.3	0.3	
BANFF B	157.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL	321.4			0.5		0.5	0.5	
CRAIGMYLE 032-16W4								
OSTRACOD B	150.0	0.03		4.5		4.5	1.3	3.2
OSTRACOD C	38.5	0.10		3.9		3.9	1.4	2.5
ELLERSLIE E	187.0	<0.01		1.0		1.0	1.0	
DETRITAL B	177.0	<0.01		0.2		0.2	0.2	
DETRITAL D	152.0	<0.01		0.1		0.1	0.1	
BANFF A	217.0	0.10		21.7		21.7	11.3	10.4
BANFF B	156.0	0.10		15.6		15.6	9.8	5.8
BANFF E	88.0	<0.01		0.1		0.1	0.1	
BANFF F	254.0	0.15		38.1		38.1	26.2	11.9
BANFF G	79.4	<0.01		0.1		0.1	0.1	
BANFF H	89.8	<0.01		0.1		0.1	0.1	
BANFF I	465.0	0.11		51.2		51.2	48.0	3.2
BANFF K	484.0	0.07		33.9		33.9	27.2	6.7
BANFF L	113.0	<0.01		0.7		0.7	0.7	
BANFF M	31.7	<0.01		0.1		0.1	0.1	
BANFF N	19.8	0.01		0.2		0.2	0.2	
BANFF O	360.0	<0.01		0.2		0.2	0.2	
BANFF Q	85.4	<0.01		0.6		0.6	0.6	
BANFF R	117.0	0.05		5.9		5.9	2.4	3.5
FIELD TOTAL	3 264.6			178.2		178.2	131.0	47.2
CRANBERRY 096-04W6								
GILWOOD A	96.1	<0.12		11.3		11.3	11.3	
FIELD TOTAL *	96.1			11.3		11.3	11.3	
CROSSFIELD 026-01W5								
CARDIUM A TOTAL	25 700.0			1 543.0	1 743.0	3 286.0	3 234.0	52.0
PRIMARY AREA	795.0	<0.07		48.5		48.5		
WATER FLOOD AREA	24 900.0	0.06	0.07	1 494.0	1 743.0	3 237.0		
CARDIUM B	391.0	0.10		39.1		39.1	24.7	14.4
CARDIUM C	53.7	0.10		5.4		5.4	3.3	2.1
JUMPING POUND A	119.0	0.14		16.7		16.7	13.7	3.0
SECOND WHITE SPECKS A	278.0	0.18		50.0		50.0	47.4	2.6
SECOND WHITE SPECKS B	253.0	0.15		38.0		38.0	37.3	0.7
VIKING A	311.0	0.15		46.7		46.7	29.7	17.0
VIKING B	388.0	0.20		77.6		77.6	60.3	17.3
VIKING C	38.8	0.18		7.0		7.0	6.2	0.8
VIKING E	140.0	0.10		14.0		14.0	3.0	11.0
VIKING F	93.3	0.10		9.3		9.3	0.4	8.9
RUNDLE C	1 000.0	0.15		150.0		150.0	130.2	19.8
RUNDLE E	406.0	0.40		162.0		162.0	126.6	35.4
RUNDLE G	1 230.0	0.25		308.0		308.0	282.4	25.6
RUNDLE J	228.0	<0.05		9.9		9.9	9.9	
RUNDLE M	488.0	0.15		73.2		73.2	47.2	26.0
RUNDLE P	405.0	0.15		60.8		60.8	18.6	42.2
RUNDLE Q	180.0	0.10		18.0		18.0	1.9	16.1
FIELD TOTAL	31 702.8			2 628.7	1 743.0	4 371.7	4 076.8	294.9

- LIGHT-MEDIUM CRUDE OIL POOLS

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
16	1.20	0.180	0.50	0.86	56	818	28	5 657	316.4	760.1	1993	96 06 - GPP
32	4.93	0.210	0.48	0.85	55	820	27	6 865	293.0	803.0	1994	94 12
16	3.30	0.220	0.42	0.86	56	818	28	6 463	288.5	800.4	1994	95 01 - GPP
32	2.90	0.230	0.38	0.86	56	818	28	6 231	276.6	807.8	1995	95 07 - GPP
64	0.60	0.140	0.34	0.85	55	820	27	7 087	274.5	784.4	1988	94 05 - ABAND 94 01
64	1.50	0.220	0.45	0.81	64	876	43	9 394	-339.3	1 296.8	1982	84 02 - ABAND 90 10
64	3.00	0.080	0.48	0.88	33	859	47	8 924	-369.4	1 295.0	1985	85 09 - ABAND 87 01
16	26.80	0.070	0.33	0.78	60	876	45	8 925	-364.7	1 303.6	1986	92 11 - ABAND 92 09
32	4.50	0.270	0.50	0.77	40	871	51	9 498	-395.1	1 247.6	1979	92 08 - GPP
16	2.70	0.220	0.48	0.78	84	865	42	6 720	-400.9	1 261.4	1951	93 05 - GPP
64	3.40	0.180	0.38	0.77	58	880	42	9 421	-417.4	1 273.7	1986	94 11 - ABAND 88 10
64	2.00	0.210	0.25	0.88	45	860	39	8 397	-398.4	1 238.0	1986	87 07 - ABAND 89 03
32	4.30	0.180	0.28	0.85	61	834	42	7 466	-403.7	1 242.2	1986	90 12 - ABAND 93 09
64	9.50	0.070	0.40	0.85	65	869	43	9 648	-411.7	1 248.6	1984	84 10 - GPP
64	9.00	0.058	0.45	0.85	60	859	39	9 101	-450.0	1 296.0	1986	86 10 - GPP
32	15.00	0.037	0.34	0.75	88	860	40	9 693	-409.6	1 250.0	1986	91 10 - ABAND 89 02
32	23.60	0.070	0.36	0.75	88	860	40	8 603	-410.5	1 255.3	1986	96 12 - GPP
64	4.80	0.040	0.24	0.85	61	860	42	9 752	-405.8	1 237.7	1986	87 04 - ABAND 87 05
32	11.00	0.040	0.25	0.85	61	860	37	9 105	-425.1	1 262.5	1986	91 10 - ABAND 89 08
100	13.70	0.054	0.26	0.85	60	869	36	9 598	-418.3	1 266.4	1986	94 12 - GPP
64	23.98	0.053	0.30	0.85	45	898	41	10 941	-436.3	1 279.6	1985	94 11 - GPP
64	8.10	0.040	0.36	0.85	64	880	40	9 755	-424.1	1 275.1	1986	86 08 - ABAND 89 02
64	4.00	0.030	0.45	0.75	88	878	40	10 958	-433.9	1 289.5	1985	89 12 - ABAND 89 02
16	2.60	0.080	0.30	0.85	60	870	41	8 901	-409.1	1 252.9	1986	94 11 - ABAND 95 01
64	14.50	0.060	0.24	0.85	60	870	41	9 685	-409.0	1 236.2	1986	87 11 - ABAND 87 12
64	5.70	0.050	0.40	0.78	58	880	40	8 891	-431.2	1 288.8	1986	89 12 - ABAND 90 04
32	15.50	0.050	0.37	0.75	88	860	40	8 466	-422.1	1 263.0	1985	94 11 - GPP
64	3.00	0.110	0.35	0.70	68	825	62	22 993	-1 499.6	2 461.5	1980	96 06 - GPP
12 910					82	834	66	25 090	-897.5	2 033.3	1956	97 12 - GPP
259	4.30	0.098	0.10	0.81								
12 651	2.50	0.108	0.10	0.81								
192	2.71	0.110	0.10	0.76	53	834	54	8 353	-599.7	1 643.7	1961	84 12 - GPP
64	1.30	0.100	0.15	0.76	105	851	54	8 323	-595.1	1 634.7	1982	84 03 - GPP
110	1.22	0.160	0.30	0.79	82	834	66	28 270	-915.0	2 082.7	1961	82 12 - GPP
285	6.64	0.030	0.30	0.70	89	815	49	28 295	-1 069.6	2 234.5	1974	93 12 - GPP
64	3.00	0.220	0.20	0.75	85	827	70	27 702	-945.4	2 171.5	1980	87 12 - GPP
262	1.90	0.110	0.29	0.80	44	839	64	22 500	-1 024.9	2 169.8	1964	86 09 - GPP
701	1.11	0.120	0.48	0.80	84	838	80	14 498	-1 138.3	2 242.2	1982	96 12 - GPP
64	1.60	0.080	0.40	0.79	84	838	80	16 138	-1 080.9	2 290.2	1982	94 11 - GPP
64	5.97	0.077	0.44	0.85	48	811	72	15 999	-1 055.6	2 270.9	1983	85 03 - GPP
64	3.00	0.090	0.40	0.90	28	839	64	7 567	-1 339.0	2 482.7	1991	92 09 - GPP
128	12.98	0.110	0.28	0.76	133	865	81	25 510	-1 798.7	2 608.4	1963	94 12 - GPP
64	6.70	0.150	0.17	0.76	121	860	71	19 540	-1 077.8	2 114.4	1967	97 12
202	12.19	0.102	0.30	0.70	131	860	81	22 376	-1 381.2	2 606.9	1973	76 06 - GPP
32	15.27	0.084	0.27	0.76	103	871	81	20 595	-1 387.4	2 610.5	1988	95 11 - ABAND 95 08
64	12.50	0.110	0.27	0.76	121	860	71	20 289	-1 066.0	2 100.8	1970	97 12 - GPP
165	3.73	0.099	0.17	0.80	95	853	74	18 248	-1 072.5	2 096.3	1995	97 03 - GPP
59	4.48	0.100	0.15	0.80	95	855	74	18 274	-1 071.5	2 096.0	1995	97 03 - GPP

TABLE 2-6

	1	2	3	4	5	6	7	8
FIELD POOL	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
CROSSFIELD EAST 029-01W5								
CARDIUM B	144.0	0.07		10.1		10.1	7.6	2.5
CARDIUM C	2 430.0	0.13		316.0		316.0	303.1	12.9
CARDIUM D	1 148.0	0.06		68.9		68.9	60.9	8.0
CARDIUM F	57.9	0.15		8.7		8.7	7.1	1.6
VIKING A	179.0	<0.02		2.2		2.2	2.2	
ELLERSLIE A	212.0	0.08		17.0		17.0	10.9	6.1
ELKTON A	1 060.0	0.17		180.0		180.0	176.0	4.0
ELKTON D	2 702.0	0.14		378.0		378.0	354.8	23.2
ELKTON F	634.0	0.15		95.1		95.1	87.0	8.1
ELKTON G	1 378.0	0.15		207.0		207.0	33.8	173.2
FIELD TOTAL	9 944.9			1 283.0		1 283.0	1 043.4	239.6
CRYSTAL 046-03W5								
BELLY RIVER A	194.0	0.05		9.7		9.7	4.9	4.8
BELLY RIVER B	45.0	0.15		6.8		6.8	3.1	3.7
BELLY RIVER C	107.0	<0.01		0.7		0.7	0.7	
BELLY RIVER D	386.0	0.05		19.3		19.3	4.6	14.7
VIKING A TOTAL	16 380.0			2 241.0	1 691.0	3 932.0	3 249.7	682.3
PRIMARY AREA	2 290.0	<0.06		128.0		128.0		
WATER FLOOD AREA	14 090.0	0.15	0.12	2 113.0	1 691.0	3 804.0		
VIKING H	2 000.0	0.07		140.0		140.0	135.9	4.1
VIKING I	242.0	0.05		12.1		12.1	0.6	11.5
VIKING K	49.4	0.10		4.9		4.9	4.3	0.6
FIELD TOTAL	19 403.4			2 434.5	1 691.0	4 125.5	3 403.8	721.7
CULP 079-24W5								
WABAMUN A	280.0	0.10		28.0		28.0	20.1	7.9
WABAMUN B	274.0	<0.09		23.6		23.6	23.6	
WABAMUN C	283.0	0.13		36.8		36.8	26.8	10.0
WABAMUN D	158.0	0.25		39.5		39.5	30.4	9.1
WABAMUN E	145.0	<0.06		7.4		7.4	7.4	
WABAMUN F	330.0	<0.03		7.3		7.3	7.3	
WABAMUN G	64.7	<0.01		0.6		0.6	0.6	
WABAMUN H	198.0	<0.04		6.2		6.2	6.2	
WABAMUN I	431.0	0.15		64.6		64.6	26.3	38.3
GRANITE WASH A	86.6	0.30		26.0		26.0	21.9	4.1
FIELD TOTAL	2 250.3			240.0		240.0	170.6	69.4
CYGNET 038-01W5								
BELLY RIVER A	70.7	<0.01		0.5		0.5	0.5	
VIKING A	385.0	0.10		38.5		38.5	32.3	6.2
VIKING C	176.0	0.15		26.4		26.4	14.3	12.1
VIKING F	140.0	<0.01		0.1		0.1	0.1	
VIKING G	613.0	0.06		36.8		36.8	35.6	1.2
VIKING H	142.0	0.15		21.3		21.3	16.4	4.9
VIKING J	139.0	<0.02		1.6		1.6	1.6	
VIKING K	50.4	<0.15		7.3		7.3	7.3	
VIKING M	24.6	0.02		0.5		0.5	0.5	
VIKING N	184.0	<0.05		7.4		7.4	7.4	
VIKING O	150.0	0.27		40.5		40.5	36.3	4.2
VIKING P	24.5	<0.08		1.9		1.9	1.9	
VIKING Q	85.6	0.15		12.8		12.8	10.3	2.5
VIKING R	106.0	<0.02		1.5		1.5	1.5	
GLAUCONITIC A	36.3	<0.01		0.2		0.2	0.2	
GLAUCONITIC B	207.0	0.10		20.7		20.7	10.6	10.1
GLAUCONITIC C	154.0	<0.02		2.1		2.1	2.1	
GLAUCONITIC E	107.0	0.15		16.1		16.1	6.4	9.7
ELLERSLIE A	86.4	<0.06		5.0		5.0	5.0	
ELLERSLIE B	30.4	<0.01		0.1		0.1	0.1	
ELLERSLIE C	76.4	0.15		11.5		11.5	3.7	7.8
ELLERSLIE D	117.0	<0.01		0.5		0.5	0.5	
ELLERSLIE E	60.5	<0.01		0.2		0.2	0.2	
ELLERSLIE J	31.2	<0.06		1.7		1.7	1.7	
ELLERSLIE K	33.4	<0.08		2.5		2.5	2.5	
ELLERSLIE M	58.2	0.10		5.8		5.8	2.4	3.4
ELLERSLIE R	91.2	<0.01		0.6		0.6	0.6	
ELLERSLIE V	28.6	0.05		1.4		1.4	1.1	0.3
ELLERSLIE Y	59.2	0.15		8.9		8.9		8.9

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
128	1.60	0.110	0.15	0.75	46	815	60	20 648	-677.6	1 719.3	1965	83 10 - GPP
3 098	1.14	0.100	0.14	0.80	69	849	59	20 833	-711.9	1 744.1	1954	96 12 - GPP
473	3.31	0.115	0.15	0.75	53	815	63	20 656	-650.2	1 681.1	1966	88 07 - GPP
64	1.00	0.130	0.13	0.80	85	850	50	20 415	-616.3	1 637.5	1984	85 06 - GPP
64	4.60	0.130	0.33	0.70	44	840	56	20 138	-992.5	2 116.1	1981	92 07 - ABAND 91 12
64	5.30	0.100	0.30	0.89	35	874	66	15 313	-1 081.2	2 103.8	1977	96 12 - GPP
486	6.74	0.060	0.17	0.65	195	855	70	20 976	-1 201.0	2 281.5	1961	81 12 - GPP
462	11.00	0.092	0.15	0.68	191	855	79	21 167	-1 224.6	2 330.6	1960	87 12 - GPP
128	11.40	0.090	0.29	0.68	154	853	79	20 911	-1 245.3	2 332.6	1975	87 12
128	14.00	0.110	0.08	0.76	138	858	77		-1 270.7	2 337.5	1996	97 04
32	7.30	0.170	0.45	0.89	39	845	44	7 339	-173.1	1 131.1	1986	91 12 - GPP
16	3.70	0.150	0.43	0.89	39	845	44	7 506	-159.0	1 152.8	1992	95 12 - GPP
16	10.00	0.160	0.45	0.76	103	824	54	7 025	-153.8	1 086.5	1982	97 02 - ABAND 96 06
64	9.50	0.140	0.49	0.89	39	845	38	6 900	-159.1	1 089.0	1992	97 12 - GPP
5 090					82	825	76	10 705	-801.6	1 793.2	1978	97 12
2 295	3.91	0.090	0.65	0.81								
2 795	9.56	0.105	0.38	0.81								- GPP
1 079	2.85	0.118	0.32	0.81	74	807	60	10 622	-802.9	1 741.7	1978	93 01 - GPP
64	11.52	0.090	0.55	0.81	74	835	60	9 515	-804.6	1 743.9	1985	92 03 - GPP
64	2.23	0.075	0.43	0.81	74	836	60	10 443	-813.6	1 757.6	1984	92 12 - GPP
32	40.60	0.045	0.40	0.80	76	858	61	19 652	-1 282.1	1 853.7	1985	90 12 - GPP
20	20.90	0.120	0.30	0.78	111	841	60	20 911	-1 345.2	1 902.8	1985	96 06 - GPP
16	57.00	0.044	0.15	0.83	62	848	61	19 697	-1 284.9	1 839.7	1988	97 12 - GPP
32	19.29	0.045	0.28	0.79	99	852	57	20 075	-1 337.3	1 867.5	1990	91 05 - GPP
16	30.90	0.050	0.26	0.79	99	852	57	19 597	-1 292.2	1 852.7	1990	94 11
32	37.50	0.040	0.13	0.79	99	852	57	19 438	-1 273.1	1 844.6	1990	92 11 - ABAND 92 08
16	12.80	0.070	0.45	0.82	67	835	62	18 944	-1 213.5	1 779.8	1991	93 02 - ABAND 92 11
16	31.50	0.060	0.21	0.83	62	833	61	19 103	-1 265.7	1 838.1	1991	96 06
32	29.70	0.070	0.20	0.81	77	858	60	19 189	-1 267.4	1 841.5	1991	91 11 - GPP
64	1.70	0.150	0.39	0.87	35	835	74	26 385	-1 835.8	2 399.0	1986	97 12 - GPP
16	5.00	0.160	0.40	0.92	27	806	33	9 175	-119.0	1 038.2	1985	93 05 - ABAND 92 06
607	1.94	0.065	0.37	0.80	130	813	65	13 085	-741.0	1 627.1	1981	91 12 - GPP
259	1.89	0.090	0.43	0.70	130	820	57	13 329	-755.4	1 710.3	1979	85 04 - GPP
64	3.50	0.120	0.35	0.80	78	821	50	13 011	-768.6	1 688.3	1983	83 12
1 088	1.60	0.080	0.45	0.80	100	820	65	12 823	-739.5	1 650.2	1980	91 12 - GPP
256	1.60	0.080	0.46	0.80	100	818	65	12 809	-733.8	1 634.5	1980	86 01 - GPP
64	4.40	0.100	0.35	0.76	130	798	44	12 289	-780.6	1 723.2	1983	84 04 - ABAND 86 10
192	0.68	0.070	0.31	0.80	83	822	63	11 838	-761.2	1 689.4	1984	96 06 - GPP
64	1.00	0.080	0.40	0.80	99	803	44	13 455	-759.0	1 670.2	1980	95 11 - ABAND 95 09
256	2.14	0.060	0.30	0.80	74	821	63	11 612	-734.8	1 633.0	1985	92 10
192	2.28	0.070	0.39	0.80	99	802	44	12 484	-790.3	1 728.6	1986	94 11 - GPP
32	1.40	0.090	0.22	0.78	99	817	68	10 849	-735.2	1 668.2	1988	96 06
128	2.00	0.080	0.45	0.76	131	820	44	12 812	-737.9	1 644.0	1985	90 11 - GPP
128	1.57	0.103	0.36	0.80	80	828	48	13 254	-764.9	1 677.1	1985	95 01 - ABAND 94 10
32	1.50	0.140	0.35	0.83	68	923	62	15 760	-920.8	1 832.0	1980	80 11 - ABAND 85 01
64	3.70	0.140	0.22	0.80	90	868	65	16 053	-923.5	1 834.3	1985	96 08 - GPP
64	2.80	0.130	0.15	0.78	91	877	58	16 582	-955.8	1 824.5	1985	89 12 - ABAND 94 10
64	1.90	0.140	0.17	0.76	90	850	66	14 342	-897.6	1 830.5	1988	89 01 - GPP
120	1.00	0.120	0.25	0.80	70	818	61	15 376	-1 000.1	1 942.7	1985	92 10
64	1.10	0.090	0.40	0.80	80	865	58	14 868	-950.8	1 813.2	1985	89 12
64	1.20	0.150	0.15	0.78	91	861	69	15 265	-1 024.4	1 976.2	1985	86 08 - GPP
64	2.80	0.110	0.24	0.78	91	907	69	14 762	-956.1	1 866.9	1986	87 04 - ABAND 90 10
64	1.50	0.105	0.25	0.80	71	845	70	13 094	-952.2	1 891.8	1985	91 12 - ABAND 91 09
32	1.30	0.120	0.22	0.80	76	861	74	15 302	-1 008.3	1 916.8	1981	96 06
16	3.10	0.120	0.28	0.78	91	879	69	16 660	-929.2	1 862.2	1988	96 06 - GPP
64	2.00	0.080	0.28	0.79	91	891	69	15 145	-949.3	1 883.8	1988	89 03 - GPP
64	2.70	0.120	0.45	0.80	79	891	70	15 119	-946.7	1 848.8	1989	90 03 - ABAND 90 10
16	2.40	0.110	0.24	0.89	45	875	35	15 214	-979.9	1 922.5	1985	92 05 - GPP
32	3.00	0.100	0.21	0.78	91	879	70			1 898.5	1996	96 11

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	$10^3 m^3$	frac	frac	$10^3 m^3$	$10^3 m^3$	$10^3 m^3$	$10^3 m^3$	$10^3 m^3$
CYGNET 038-01W5 (CONTINUED)								
PEKISKO A	563.0	0.05		28.2		28.2	19.8	8.4
FIELD TOTAL	4 030.6			302.6		302.6	222.9	79.7
CYN-PEM 051-11W5								
BELLY RIVER A	269.0	<0.02		4.5		4.5	4.5	
BELLY RIVER B	184.0	<0.01		1.8		1.8	1.8	
BELLY RIVER C TOTAL	965.0			145.0	82.4	227.0	184.8	42.2
PRIMARY AREA	553.0	0.15		83.0		83.0		
WATER FLOOD AREA	412.0	0.15	0.20	61.8	82.4	144.0		
CARDIUM A TOTAL	6 480.0			772.0	1 474.0	2 246.0	2 236.1	9.9
PRIMARY AREA	70.2	<0.09		6.0		6.0		
WATER FLOOD AREA	6 410.0	<0.12	0.23	766.0	1 474.0	2 240.0		
CARDIUM B	575.0	0.10		57.5		57.5	48.9	8.6
CARDIUM C TOTAL	1 450.0			167.0	163.0	330.0	322.7	7.3
PRIMARY AREA	90.0	<0.05		4.0		4.0		
WATER FLOOD AREA	1 360.0	0.12	0.12	163.0	163.0	326.0		
CARDIUM D TOTAL	8 491.0			1 048.0	2 850.0	3 898.0	2 653.2	1 244.8
PRIMARY AREA	991.0	0.15		148.0		148.0		
WATER FLOOD AREA	7 500.0	0.12	0.38	900.0	2 850.0	3 750.0		
CARDIUM F	54.1	<0.01		0.2		0.2	0.2	
CARDIUM J	120.0	<0.02		2.1		2.1	2.1	
CARDIUM L WATER FLOOD	1 200.0	0.12	0.33	144.0	396.0	540.0	446.3	93.7
CARDIUM M	170.0	0.13		22.1		22.1	19.1	3.0
CARDIUM N	185.0	0.10		18.5		18.5	7.0	11.5
CARDIUM O GAS FLOOD	900.0	0.20	0.10	180.0	90.0	270.0	246.8	23.2
CARDIUM P	700.0	0.07		49.0		49.0	41.3	7.7
CARDIUM Q	54.2	<0.03		1.6		1.6	1.6	
CARDIUM R	24.6	<0.06		1.4		1.4	1.4	
CARDIUM T	339.0	0.02		6.8		6.8	5.0	1.8
CARDIUM U	72.6	0.20		14.5		14.5	13.0	1.5
CARDIUM V	84.4	<0.02		1.4		1.4	1.4	
CARDIUM W	247.0	0.10		24.7		24.7	2.7	22.0
VIKING A	310.0	<0.04		11.2		11.2	11.2	
OSTRACOD A	218.0	0.20		43.6		43.6	41.3	2.3
ELLERSLIE E	52.8	<0.07		3.6		3.6	3.6	
ROCK CREEK I	63.4	0.02		1.3		1.3	0.7	0.6
ROCK CREEK K	216.0	<0.01		0.1		0.1	0.1	
ROCK CREEK C & G	313.0	0.03		9.4		9.4	7.7	1.7
NISKU A WATER FLOOD	475.0	0.20	0.25	95.0	119.0	214.0	168.3	45.7
FIELD TOTAL	24 213.1			2 826.3	5 174.4	8 000.3	6 472.8	1 527.5
DAVEY 034-27W4								
BELLY RIVER B	3 284.0	0.10		328.0		328.0	163.1	164.9
BELLY RIVER F	857.0	0.05		42.9		42.9	25.7	17.2
BELLY RIVER G	168.0	0.05		8.4		8.4	7.8	0.6
ELLERSLIE B	52.7	<0.01		0.2		0.2	0.2	
ELLERSLIE A & PEKISKO E	7.5	<0.03		0.2		0.2	0.2	
PEKISKO A	3 110.0	0.06		187.0		187.0	177.3	9.7
PEKISKO C	183.0	0.05		9.2		9.2	3.9	5.3
D-2 A	112.0	<0.01		0.3		0.3	0.3	
D-2 B	278.0	<0.02		3.0		3.0	2.8	0.2
FIELD TOTAL	8 052.2			579.2		579.2	381.3	197.9
DAWSON 080-17W5								
BEAVERHILL LAKE B	368.0	0.10		36.8		36.8	26.3	10.5
BEAVERHILL LAKE C	117.0	<0.16		18.5		18.5	18.5	
SLAVE POINT A	72.9	<0.04		2.5		2.5	2.5	
SLAVE POINT B	128.0	0.29		37.1		37.1	32.0	5.1
SLAVE POINT E	17.6	<0.07		1.2		1.2	1.2	
SLAVE POINT F	40.0	<0.23		9.1		9.1	9.1	
SLAVE POINT G	20.0	0.09		1.8		1.8	1.8	
SLAVE POINT H	1 397.0	0.07		97.8		97.8	74.0	23.8
SLAVE POINT I	94.6	<0.10		9.3		9.3	9.3	
SLAVE POINT J	530.0	0.15		79.5		79.5	48.7	30.8
SLAVE POINT K	673.0	0.04		26.9		26.9	23.1	3.8
SLAVE POINT L	51.5	<0.01		0.2		0.2	0.2	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
128	9.77	0.084	0.33	0.80	95	913	54	16 589	-955.2	1 837.0	1985	89 08
64	5.30	0.167	0.40	0.79	87	810	48	8 289	-271.2	1 206.0	1982	86 12 - ABAND 91 09
64	3.20	0.180	0.44	0.89	66	822	37	8 053	-274.6	1 183.3	1982	83 06 - ABAND 85 05
343					39	839	41	9 752	-413.5	1 375.6	1987	97 12
231	3.10	0.140	0.38	0.89								
112	4.76	0.140	0.38	0.89								- GPP
1 447					52	844	56	19 158	-703.8	1 647.3	1962	86 11
128	0.73	0.097	0.11	0.87								
1 319	6.47	0.097	0.11	0.87								- GPP
150	4.66	0.105	0.10	0.87	52	844	57	19 299	-722.9	1 678.3	1962	91 12 - GPP
295					52	844	57	19 262	-701.0	1 651.9	1963	94 12
39	2.72	0.107	0.10	0.88								
256	6.27	0.107	0.10	0.88								- GPP
1 586					41	868	54	13 057	-641.0	1 558.7	1980	97 12
256	4.60	0.110	0.14	0.89								
1 330	7.20	0.110	0.20	0.89								- GPP
64	1.20	0.100	0.20	0.88	52	878	56	10 903	-648.2	1 544.4	1982	82 12 - ABAND 87 11
32	7.00	0.100	0.40	0.89	41	871	54	8 226	-610.4	1 512.8	1982	94 01 - ABAND 93 10
205	6.52	0.120	0.15	0.88	61	856	56	19 178	-679.4	1 645.1	1983	94 12 - GPP
50	7.70	0.064	0.20	0.86	53	845	36	10 238	-773.0	1 791.0	1983	89 12 - GPP
64	2.88	0.134	0.15	0.88	44	844	58	19 050	-769.8	1 750.7	1984	85 03 - GPP
255	4.86	0.102	0.20	0.89	45	844	52	10 158	-652.5	1 565.3	1982	91 10
546	1.76	0.105	0.22	0.89	42	825	66	19 457	-805.1	1 808.3	1982	96 05 - GPP
64	1.72	0.070	0.20	0.88	44	860	58	10 323	-783.5	1 770.8	1985	86 06 - ABAND 89 06
32	1.30	0.080	0.15	0.87	44	860	58	11 301	-675.8	1 605.2	1985	96 06 - ABAND 93 10
64	6.00	0.130	0.20	0.85	54	834	64	10 589	-820.5	1 797.9	1980	87 12 - GPP
64	1.50	0.100	0.15	0.89	41	867	54	8 340	-630.5	1 569.1	1987	93 12 - GPP
64	2.65	0.065	0.11	0.86	78	835	57	8 802	-696.3	1 641.6	1981	83 11 - ABAND 90 07
64	5.13	0.120	0.27	0.86	53	845	58	18 019	-778.3	1 735.6	1991	96 08 - GPP
128	3.95	0.140	0.46	0.81	79	845	61	13 410	-982.5	1 916.2	1986	96 06 - GPP
340	1.00	0.110	0.19	0.72	384	787	91	29 107	-1 410.3	2 382.2	1982	95 01 - GPP
16	6.04	0.120	0.35	0.70	168	814	63	16 605	-1 246.6	2 223.0	1979	96 06 - GPP
64	2.40	0.082	0.32	0.74	120	828	80	19 800	-1 233.7	2 202.7	1983	93 12
64	6.38	0.089	0.30	0.85	120	853	80	16 630	-1 231.8	2 174.2	1985	86 06 - ABAND 95 09
64	10.25	0.104	0.38	0.74	120	829	78	16 026	-1 218.0	2 182.3	1981	85 12 - GPP
64	13.88	0.090	0.10	0.66	151	806	90	26 625	-1 729.7	2 658.7	1978	80 12 - GPP
832	4.21	0.180	0.44	0.93	17	840	44	4 200	-223.9	1 215.9	1978	95 12
192	5.43	0.170	0.48	0.93	17	841	44	4 379	-230.6	1 187.5	1978	87 07 - GPP
32	4.94	0.190	0.40	0.93	26	854	43	4 051	-223.2	1 206.5	1980	93 02 - GPP
16	4.30	0.140	0.27	0.75	98	854	71	13 233	-912.9	1 893.5	1994	96 11 - GPP
16	1.22	0.070	0.27	0.75	98	855	66	11 877	-979.0	1 942.8	1974	96 06 - GPP
768	11.21	0.066	0.27	0.75	98	855	66	12 598	-1 003.3	1 988.7	1958	81 12 - GPP
64	13.60	0.040	0.30	0.75	85	854	59	11 846	-993.9	1 990.7	1981	84 12 - GPP
65	9.75	0.034	0.20	0.65	177	825	66	21 802	-1 392.9	2 355.5	1974	78 07 - ABAND 77 12
65	16.46	0.049	0.18	0.65	220	825	66	21 558	-1 366.3	2 341.8	1974	95 09 - GPP
64	5.49	0.160	0.15	0.77	99	834	64	19 899	-1 287.5	2 026.9	1973	90 02 - GPP
129	3.96	0.035	0.15	0.77	91	845	69	20 129	-1 320.1	2 048.9	1954	75 12 - ABAND 85 08
64	2.80	0.066	0.23	0.80	72	839	67	19 611	-1 390.8	2 123.5	1984	92 11 - ABAND 91 11
67	3.80	0.080	0.28	0.87	42	840	59	20 338	-1 314.9	1 994.1	1982	97 12 - GPP
64	0.88	0.060	0.40	0.87	42	837	53	18 533	-1 327.2	2 073.3	1983	88 12 - ABAND 90 11
96	2.00	0.060	0.60	0.87	92	838	69	20 270	-1 329.8	2 081.5	1980	88 12 - ABAND 90 10
32	1.71	0.060	0.30	0.87	45	842	48	19 818	-1 309.4	2 037.4	1986	96 06 - GPP
620	5.40	0.070	0.33	0.89	38	832	56	19 340	-1 226.9	1 932.8	1986	94 12 - GPP
32	8.40	0.057	0.29	0.87	38	832	56	20 008	-1 293.4	2 028.4	1986	96 06 - GPP
192	6.69	0.069	0.32	0.88	38	832	56	19 801	-1 246.6	1 978.4	1985	90 07 - GPP
64	12.30	0.108	0.10	0.88	39	825	54	19 562	-1 266.2	1 992.3	1988	96 08 - GPP
64	3.40	0.050	0.45	0.86	43	831	67	19 259	-1 314.2	2 002.3	1988	88 11 - ABAND 90 12

TABLE 2-6

FIELD POOL	1	2	3	4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
DAWSON 080-17W5 (CONTINUED)								
SLAVE POINT M	400.0	0.45		180.0		180.0	129.0	51.0
SLAVE POINT N	932.0	0.20		186.0		186.0	54.5	131.5
SLAVE POINT O	46.8	0.20		9.4		9.4	4.9	4.5
SLAVE POINT P	409.0	0.20		81.8		81.8	27.2	54.6
SLAVE POINT Q	175.0	0.30		52.5		52.5	13.0	39.5
SLAVE POINT R	197.0	0.07		13.8		13.8	7.8	6.0
SLAVE POINT-GRANITE WASH A	515.0	0.20		103.0		103.0	81.2	21.8
GRANITE WASH A	115.0	<0.02		1.5		1.5	1.5	
GRANITE WASH C	130.0	<0.02		2.1		2.1	2.1	
GRANITE WASH D	477.0	<0.17		79.9		79.9	79.9	
FIELD TOTAL	6 906.4			1 030.7		1 030.7	647.8	382.9
DEL BONITA 001-21W4								
RUNDLE	397.0	0.32		127.0		127.0	121.3	5.7
FIELD TOTAL	397.0			127.0		127.0	121.3	5.7
DELIA 032-18W4								
ELLERSLIE A	73.4	<0.03		1.6		1.6	1.6	
FIELD TOTAL	73.4			1.6		1.6	1.6	
DIMSDALE 071-07W6								
CHARLIE LAKE A	200.0	0.20		40.0		40.0	30.9	9.1
HALFWAY A	45.7	<0.08		3.4		3.4	3.4	
HALFWAY B	82.1	0.20		16.4		16.4	13.0	3.4
FIELD TOTAL	327.8			59.8		59.8	47.3	12.5
DOE 081-12W6								
DOIG A	300.0	0.20		60.0		60.0	46.6	13.4
DOIG C	100.0	0.15		15.0		15.0	10.6	4.4
DOIG D	220.0	0.15		33.0		33.0	10.7	22.3
FIELD TOTAL	620.0			108.0		108.0	67.9	40.1
DONALDA 043-19W4								
VIKING I	282.0	<0.01		0.2		0.2	0.2	
UPPER MANNVILLE F	172.0	<0.15		24.9		24.9	24.9	
FIELD TOTAL	454.0			25.1		25.1	25.1	
DOWLING LAKE 032-15W4								
UPPER MANNVILLE A	116.0	<0.02		1.8		1.8	1.8	
LOWER MANNVILLE B	72.1	<0.01		0.1		0.1	0.1	
BANFF A	13.9	<0.01		0.1		0.1	0.1	
FIELD TOTAL	202.0			2.0		2.0	2.0	
DRIFTPILE 073-11W5								
SLAVE POINT A	40.5	<0.08		3.0		3.0	3.0	
GILWOOD A	99.6	<0.13		12.3		12.3	12.3	
FIELD TOTAL	140.1			15.3		15.3	15.3	
DRUMHELLER 029-19W4								
MANNVILLE A	291.0	<0.04		10.0		10.0	10.0	
MANNVILLE F	450.0	0.02		9.0		9.0	5.7	3.3
MANNVILLE I	4 921.0	0.05		246.0		246.0	151.4	94.6
MANNVILLE K	228.0	<0.01		0.2		0.2	0.2	
MANNVILLE L	265.0	<0.01		0.1		0.1	0.1	
MANNVILLE T	158.0	<0.02		2.7		2.7	2.7	
MANNVILLE Y	265.0	<0.01		0.1		0.1	0.1	
MANNVILLE Z	177.0	0.10		17.7		17.7	8.5	9.2
MANNVILLE AA	143.0	<0.01		0.2		0.2	0.2	
MANNVILLE BB	267.0	<0.01		0.2		0.2	0.2	
MANNVILLE DD	1 246.0	0.03		37.4		37.4	30.4	7.0
MANNVILLE FF	305.0	<0.01		1.2		1.2	1.2	
MANNVILLE JJ	58.2	<0.06		3.2		3.2	3.2	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
64	8.40	0.094	0.10	0.88	38	832	56	19 180	-1 184.4	1 888.2	1989	97 12 - GPP
128	9.00	0.100	0.07	0.87	55	853	65	21 470	-1 383.1	2 075.7	1988	97 09 - GPP
32	4.01	0.061	0.32	0.88	39	835	54	21 448	-1 193.0	1 879.8	1985	96 12 - GPP
64	9.50	0.090	0.15	0.88	39	825	54	20 054	-1 301.7	1 998.8	1990	90 11 - GPP
138	2.34	0.075	0.18	0.88	38	825	56		-1 383.9	2 076.8	1996	97 09
64	11.50	0.060	0.50	0.89	38	832	56		-1 223.9	1 931.7	1993	97 07 - GPP
218	3.50	0.100	0.25	0.90	53	839	60	20 731	-1 375.8	2 111.7	1982	96 03 - GPP
64	3.00	0.120	0.45	0.91	28	831	50	16 444	-1 344.4	2 094.0	1983	86 02 - ABAND 90 10
64	3.10	0.100	0.25	0.87	38	840	72	19 885	-1 338.4	2 097.4	1981	88 12 - ABAND 90 10
127	6.38	0.090	0.15	0.77	91	825	69	20 174	-1 318.1	2 072.8	1953	94 11 - ABAND 93 11
228	7.92	0.050	0.45	0.80	62	839	44	8 798	-325.7	1 641.7	1936	97 12 - GPP
64	1.50	0.180	0.50	0.85	25	866	39	9 404	-477.4	1 327.8	1982	89 12 - GPP
128	1.45	0.170	0.13	0.73	115	820	77	21 574	-1 356.7	2 031.7	1986	96 12 - GPP
16	6.80	0.084	0.35	0.77	108	820	78	21 994	-1 455.0	2 148.8	1980	96 06 - GPP
64	4.50	0.073	0.45	0.71	120	821	65	21 834	-1 430.6	2 180.6	1980	92 12
251	2.25	0.100	0.30	0.76	92	832	72	15 031	-948.7	1 576.2	1986	96 07 - GPP
63	2.49	0.120	0.30	0.76	92	832	72	15 031	-944.5	1 577.5	1986	96 07 - GPP
64	5.40	0.110	0.24	0.76	92	832	72	14 809	-948.0	1 580.0	1994	96 07 - GPP
64	4.30	0.190	0.40	0.90	30	856	43	5 780	-246.3	1 014.4	1971	92 10
128	1.02	0.210	0.32	0.92	30	856	32	8 128	-415.0	1 184.5	1986	97 07 - ABAND 97 05
16	6.50	0.180	0.27	0.85	59	852	37	8 808	-371.1	1 182.4	1986	96 12 - GPP
64	2.10	0.100	0.39	0.88	53	892	35	8 824	-399.2	1 239.9	1987	88 01 - ABAND 87 11
16	4.70	0.035	0.38	0.85	50	880	37	8 030	-425.9	1 249.4	1987	92 09 - ABAND 92 06
16	7.30	0.070	0.45	0.90	31	843	49	18 909	-1 340.7	1 924.5	1985	96 06 - GPP
64	2.30	0.150	0.45	0.82	66	854	49	20 977	-1 364.4	1 948.2	1985	96 06 - GPP
85	4.07	0.150	0.30	0.80	59	865	49	10 240	-526.3	1 359.3	1950	94 11 - ABAND 90 06
71	3.96	0.252	0.28	0.88	44	855	47	10 287	-458.7	1 283.0	1960	85 07 - GPP
950	8.81	0.150	0.51	0.80	44	855	54	9 423	-475.0	1 294.5	1959	94 11 - GPP
64	4.60	0.140	0.35	0.85	62	849	54	10 185	-487.7	1 305.2	1968	79 11 - ABAND 82 05
65	4.27	0.200	0.40	0.80	71	855	56	12 069	-840.9	1 670.0	1969	70 08 - ABAND 71 10
65	1.83	0.200	0.23	0.86	50	887	46	10 323	-537.8	1 364.1	1975	96 06
64	7.00	0.100	0.35	0.91	28	887	54	7 175	-442.9	1 250.4	1978	79 02 - ABAND 79 01
128	1.30	0.220	0.43	0.85	60	858	46	10 334	-464.7	1 253.8	1978	84 06 - GPP
16	15.90	0.120	0.45	0.85	54	885	46	7 157	-494.6	1 321.4	1979	92 11 - ABAND 93 06
64	6.30	0.130	0.40	0.85	62	871	47	9 900	-498.2	1 324.3	1980	83 12 - ABAND 92 02
128	15.90	0.140	0.46	0.81	78	825	47	9 589	-471.8	1 165.4	1980	84 04 - GPP
64	4.50	0.210	0.37	0.80	78	877	41	9 328	-501.0	1 324.3	1980	87 12 - ABAND 89 11
16	10.80	0.090	0.56	0.85	59	860	47	9 304	-480.8	1 293.7	1988	96 06 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 INITIAL ESTABLISHED RESERVES ENHANCED 10^3m^3	6 INITIAL ESTABLISHED RESERVES TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
DRUMHELLER 029-19W4 (CONTINUED)								
UPPER MANNVILLE A	524.0	0.20		105.0		105.0	97.3	7.7
UPPER MANNVILLE C	253.0	0.10		25.3		25.3	17.9	7.4
UPPER MANNVILLE D	36.9	<0.02		0.7		0.7	0.7	
UPPER MANNVILLE I	3.7	<0.03		0.1		0.1	0.1	
UPPER MANNVILLE K	110.0	<0.02		1.4		1.4	1.4	
UPPER MANNVILLE Y	198.0	0.20		39.6		39.6	6.9	32.7
UPPER MANNVILLE Z	37.5	0.20		7.5		7.5	2.1	5.4
UPPER MANNVILLE G & LOWER MANNVILLE I	155.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE G	367.0	<0.01		0.3		0.3	0.3	
LOWER MANNVILLE H	380.0	0.05		19.0		19.0	6.6	12.4
LOWER MANNVILLE I	182.0	0.10		18.2		18.2	4.7	13.5
LOWER MANNVILLE M	237.0	0.05		11.9		11.9	7.0	4.9
LOWER MANNVILLE O	155.0	0.10		15.5		15.5	9.1	6.4
LOWER MANNVILLE P	473.0	0.03		14.2		14.2	2.6	11.6
LOWER MANNVILLE S	118.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE U	85.2	<0.01		0.3		0.3	0.3	
BANFF B	71.4	<0.01		0.1		0.1	0.1	
BANFF C	130.0	<0.01		1.1		1.1	1.1	
D-2 A	3 000.0	0.65		1 950.0		1 950.0	1 887.3	62.7
D-2 B	6 746.0	0.41		2 766.0		2 766.0	2 540.8	225.2
D-2 C	477.0	0.60		286.0		286.0	228.9	57.1
FIELD TOTAL	22 513.9			5 590.4		5 590.4	5 029.3	561.1
DUHAMEL 045-21W4								
BASAL QUARTZ I	91.3	0.20		18.3		18.3	4.0	14.3
BASAL QUARTZ J	35.9	0.10		3.6		3.6	0.1	3.5
BASAL QUARTZ K	77.4	0.10		7.7		7.7	1.3	6.4
BASAL QUARTZ M	124.0	0.15		18.6		18.6	3.6	15.0
BASAL QUARTZ N	274.0	0.10		27.4		27.4	10.2	17.2
WABAMUN A	48.3	<0.08		3.5		3.5	3.5	
D-2 A	2 200.0	0.55		1 210.0		1 210.0	1 155.0	55.0
D-3 A	191.0	<0.10		18.3		18.3	18.3	
D-3 B WATER FLOOD	2 240.0	0.50	0.16	1 120.0	358.0	1 478.0	1 467.5	10.5
FIELD TOTAL	5 281.9			2 427.4	358.0	2 785.4	2 663.5	121.9
DUNVEGAN 079-02W6								
CHARLIE LAKE A	249.0	0.15		37.4		37.4	11.8	25.6
DEBOLT R	44.3	<0.01		0.1		0.1	0.1	
DEBOLT T	111.0	<0.03		3.1		3.1	3.1	
DEBOLT BB	1 428.0	0.10		143.0		143.0	38.8	104.2
FIELD TOTAL	1 832.3			183.6		183.6	53.8	129.8
EAGLESHAM 077-25W5								
D-1 A	217.0	0.40		86.8		86.8	79.9	6.9
D-1 B	252.0	<0.12		28.2		28.2	28.2	
D-1 C	156.0	<0.07		9.7		9.7	9.7	
D-1 D	159.0	<0.02		2.1		2.1	2.1	
D-1 E	44.5	<0.02		0.6		0.6	0.6	
D-1 F	88.6	<0.01		0.6		0.6	0.6	
D-1 G	32.4	<0.01		0.2		0.2	0.2	
D-1 H	247.0	<0.01		1.1		1.1	1.1	
D-3 A	734.0	0.40		294.0		294.0	286.9	7.1
FIELD TOTAL	1 930.5			423.3		423.3	409.3	14.0
EAGLESHAM NORTH 078-25W5								
D-1 A	127.0	<0.19		23.1		23.1	23.1	
D-1 B	225.0	<0.05		11.1		11.1	11.1	
D-1 C	488.0	<0.10		44.1		44.1	44.1	
D-1 D	84.1	<0.09		7.0		7.0	7.0	
D-1 E	503.0	<0.09		43.9		43.9	43.9	
D-1 F	597.0	0.10		59.7		59.7	48.8	10.9
D-1 G	595.0	0.14		83.3		83.3	69.3	14.0
D-1 H	369.0	0.10		36.9		36.9	26.1	10.8
D-1 I	320.0	<0.06		18.1		18.1	18.1	
D-1 J	118.0	<0.18		20.4		20.4	20.4	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
128	3.71	0.206	0.33	0.80	62	855	46	9 525	-500.1	1 273.2	1961	89 12 - GPP
64	4.70	0.210	0.50	0.80	79	869	50	9 583	-509.7	1 309.0	1982	82 09 - GPP
64	1.00	0.160	0.55	0.80	87	869	40	9 295	-472.3	1 288.2	1979	93 01 - ABAND 92 09
16	2.30	0.070	0.82	0.80	60	885	46	9 907	-513.2	1 355.2	1985	96 06
64	2.40	0.180	0.53	0.85	80	850	40	9 902	-511.0	1 323.8	1987	92 10 - ABAND 92 10
64	3.00	0.190	0.32	0.80	60	862	44	9 810	-505.8	1 338.5	1995	96 07
64	0.50	0.220	0.29	0.75	120	847	52	7 417	-499.1	1 339.1	1995	96 10 - GPP
64	6.41	0.110	0.57	0.80	80	879	44	8 449	-469.5	1 313.0	1982	89 12 - ABAND 91 11
64	8.00	0.110	0.26	0.88	43	887	43	9 850	-479.7	1 306.0	1984	86 03 - ABAND 90 07
126	4.76	0.150	0.52	0.88	43	879	43	9 586	-463.2	1 258.5	1981	89 10 - GPP
64	5.30	0.140	0.55	0.85	58	855	44	9 413	-448.1	1 256.0	1984	85 04 - GPP
32	10.00	0.140	0.40	0.88	52	850	43	8 523	-476.9	1 255.0	1980	92 08 - GPP
64	3.10	0.160	0.39	0.80	86	887	45	8 199	-484.1	1 256.5	1988	89 02 - GPP
64	12.90	0.140	0.53	0.87	42	888	70	9 467	-441.2	1 255.4	1988	96 08 - GPP
32	3.20	0.210	0.37	0.87	48	878	46	9 696	-475.7	1 263.7	1989	91 07 - ABAND 90 07
16	3.50	0.260	0.35	0.90	37	821	50	9 349	-440.3	1 257.2	1989	96 06 - GPP
64	2.80	0.070	0.33	0.85	50	876	50	8 903	-492.7	1 321.4	1979	83 12 - ABAND 80 08
64	2.20	0.150	0.30	0.88	50	877	43	9 786	-497.7	1 270.1	1988	92 10
677	7.66	0.083	0.17	0.84	66	860	55	13 200	-830.9	1 650.4	1951	93 04 - GPP
1 315	9.10	0.080	0.13	0.81	70	855	54	13 262	-845.2	1 617.4	1961	97 12 - GPP
92	5.40	0.130	0.12	0.84	66	858	55	13 000	-835.0	1 625.2	1981	96 12 - GPP
16	5.90	0.150	0.25	0.86	75	838	18	10 118	-564.9	1 323.2	1951	96 02
16	3.00	0.160	0.45	0.85	66	823	45	10 092	-559.1	1 311.5	1995	96 05 - GPP
16	3.00	0.250	0.25	0.86	75	838	18	10 094	-561.8	1 309.8	1951	96 07
32	3.28	0.230	0.41	0.87	55	852	52	9 348	-554.4	1 310.8	1995	97 12 - GPP
48	5.79	0.180	0.34	0.83	73	825	51		-551.9	1 301.7	1951	97 10
65	1.22	0.100	0.30	0.87	44	844	71	10 229	-626.4	1 374.7	1952	67 02 - ABAND 78 09
539	10.73	0.058	0.20	0.82	68	844	54	10 584	-624.2	1 375.6	1950	91 12 - GPP
272	4.48	0.028	0.30	0.80	79	844	57	10 615	-719.9	1 472.1	1956	64 04 - ABAND 69 12
212	20.52	0.073	0.14	0.82	79	844	56	13 111	-709.2	1 459.5	1950	93 12 - GPP
64	2.50	0.250	0.17	0.75	116	805	38	10 482	-455.9	1 057.0	1994	94 12 - GPP
16	2.82	0.195	0.28	0.70	131	856	45	10 133	-921.4	1 498.8	1988	96 06
64	2.00	0.180	0.40	0.80	72	857	61	9 408	-829.3	1 458.9	1983	90 12 - ABAND 90 03
100	11.30	0.200	0.21	0.80	99	857	45	15 541	-933.8	1 528.3	1995	97 09 - GPP
64	23.00	0.040	0.45	0.67	167	826	64	22 051	-1 476.0	2 047.3	1980	95 12 - GPP
32	19.60	0.080	0.25	0.67	163	835	64	21 851	-1 479.6	2 047.5	1981	95 06 - ABAND 95 03
16	42.30	0.040	0.14	0.67	163	840	64	22 151	-1 489.2	2 065.1	1985	94 11 - GPP
16	84.00	0.019	0.17	0.75	163	849	64	22 335	-1 516.7	2 092.0	1985	90 12 - ABAND 88 05
16	19.80	0.030	0.30	0.67	163	832	64	22 230	-1 516.8	2 089.5	1988	94 11 - GPP
16	31.20	0.030	0.27	0.81	57	852	69	22 127	-1 520.7	2 093.2	1988	94 11 - GPP
32	6.21	0.030	0.19	0.67	163	832	64	21 464	-1 494.0	2 086.5	1989	94 11 - ABAND 95 06
16	48.63	0.060	0.21	0.67	163	832	64	22 177	-1 502.2	2 089.0	1989	92 06 - ABAND 92 01
191	10.33	0.062	0.13	0.69	154	820	74	25 085	-1 740.6	2 306.9	1959	78 12 - GPP
32	14.10	0.053	0.32	0.78	111	841	60	20 579	-1 382.1	1 953.1	1987	92 07 - ABAND 92 04
32	24.30	0.051	0.30	0.81	77	833	60	21 362	-1 437.6	1 996.8	1988	92 08 - ABAND 92 04
32	54.00	0.042	0.19	0.83	62	833	61	19 978	-1 334.0	1 899.6	1988	96 06 - GPP
32	8.00	0.060	0.34	0.83	61	849	61	20 937	-1 412.2	1 970.5	1989	90 12 - ABAND 91 05
16	107.40	0.043	0.18	0.83	62	848	61	20 434	-1 347.0	1 911.1	1989	94 11 - GPP
16	77.40	0.070	0.17	0.83	62	849	61	20 269	-1 347.0	1 914.6	1989	94 11 - GPP
16	93.30	0.060	0.20	0.83	62	849	61	20 699	-1 394.1	1 959.3	1989	96 08 - GPP
16	48.00	0.080	0.25	0.80	76	844	60	20 382	-1 387.2	1 953.0	1989	93 12 - GPP
16	58.80	0.050	0.18	0.83	111	849	60	19 910	-1 324.7	1 890.0	1989	94 11 - ABAND 93 05
32	20.00	0.030	0.26	0.83	111	849	60	19 760	-1 336.2	1 898.6	1989	93 06 - ABAND 93 02

TABLE 2-6

FIELD POOL	1	2	3	4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	$10^3 m^3$	frac	frac	$10^3 m^3$	$10^3 m^3$	$10^3 m^3$	$10^3 m^3$	$10^3 m^3$
EAGLESHAM NORTH 078-25W5 (CONTINUED)								
D-1 K	275.0	<0.06		16.0		16.0	16.0	
D-1 L	654.0	<0.03		15.0		15.0	15.0	
D-1 M	683.0	0.13		88.8		88.8	79.5	9.3
D-1 N	198.0	0.15		29.7		29.7	21.5	8.2
D-1 O	283.0	0.05		14.2		14.2	12.4	1.8
D-1 P	181.0	<0.05		7.3		7.3	7.3	
D-1 Q	210.0	<0.03		4.7		4.7	4.7	
D-1 R	86.3	<0.05		3.6		3.6	3.6	
D-1 S	102.0	0.35		35.7		35.7	21.0	14.7
D-1 T	115.0	<0.06		6.2		6.2	6.2	
D-1 U	181.0	<0.01		0.2		0.2	0.2	
D-1 V	39.4	<0.15		5.8		5.8	5.8	
D-1 W	71.4	<0.06		4.2		4.2	4.2	
D-1 X	136.0	<0.04		5.4		5.4	5.4	
FIELD TOTAL	6 641.2			584.4		584.4	514.7	69.7
EARRING 083-08W6								
CHARLIE LAKE A	272.0	<0.01		0.2		0.2	0.2	
CHARLIE LAKE B	364.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL *	636.0			0.3		0.3	0.3	
EDSON 052-17W5								
CARDIUM A	84.9	<0.11		9.3		9.3	9.3	
CARDIUM B TOTAL	3 583.0			364.0	99.3	463.0	437.3	25.7
PRIMARY AREA	273.0	0.12		32.8		32.8		
WATER FLOOD AREA	3 310.0	0.10	0.03	331.0	99.3	430.0		
CARDIUM E	236.0	0.08		18.9		18.9	6.4	12.5
CARDIUM J	500.0	0.10		50.0		50.0	40.2	9.8
CARDIUM T	150.0	<0.05		7.3		7.3	7.3	
CARDIUM U	80.9	<0.13		10.1		10.1	9.7	0.4
CARDIUM EE	55.9	0.12		6.7		6.7	6.2	0.5
CARDIUM II	99.1	<0.05		4.1		4.1	4.1	
CARDIUM JJ	250.0	0.10		25.0		25.0	15.3	9.7
CARDIUM KK	105.0	0.17		17.9		17.9	15.5	2.4
CARDIUM SS	27.3	<0.05		1.2		1.2	1.2	
CARDIUM TT	45.1	0.20		9.0		9.0	3.5	5.5
CARDIUM UU	26.6	0.13		3.5		3.5	3.2	0.3
CARDIUM VV	66.8	0.17		11.4		11.4	9.6	1.8
CARDIUM XX	62.1	<0.02		1.0		1.0	1.0	
CARDIUM CC & WW	237.0	0.10		23.7		23.7	15.1	8.6
CARDIUM RR & ZZ	1 250.0	0.09		113.0		113.0	105.0	8.0
CARDIUM CCC	168.0	<0.01		0.2		0.2	0.2	
CARDIUM DDD	49.0	0.10		4.9		4.9	3.4	1.5
CARDIUM EEE	148.0	0.05		7.4		7.4	0.9	6.5
CARDIUM JJJ	161.0	<0.03		4.5		4.5	4.5	
CARDIUM KKK	78.3	0.10		7.8		7.8	2.0	5.8
CARDIUM & BLUESKY MU #1	8 264.0	0.06		496.0		496.0	456.4	39.6
SECOND WHITE SPECKS A	349.0	0.10		34.9		34.9	22.1	12.8
SECOND WHITE SPECKS B	244.0	0.10		24.4		24.4	7.3	17.1
SECOND WHITE SPECKS C	315.0	0.20		63.0		63.0	37.7	25.3
CADOMIN A	108.0	<0.01		0.5		0.5	0.5	
ROCK CREEK B	68.7	<0.02		0.8		0.8	0.8	
FIELD TOTAL	16 812.7			1 320.5	99.3	1 419.5	1 225.7	193.8
ELLERSLIE 051-24W4								
BLAIRMORE A	79.3	<0.11		8.1		8.1	8.1	
BLAIRMORE B	186.0	<0.32		59.2		59.2	59.2	
FIELD TOTAL	265.3			67.3		67.3	67.3	
ELMWORTH 070-11W6								
DOE CREEK B	3 020.0	0.10		302.0		302.0	169.5	132.5
DUNVEGAN B	3 381.0	0.02		67.6		67.6	7.4	60.2
CADOTTE H	225.0	0.10		22.5		22.5	2.2	20.3

* LIGHT-MEDIUM CRUDE OIL POOLS

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
16	38.40	0.070	0.23	0.83	62	849	61	21 209	-1 416.4	1 989.0	1989	94 11 - ABAND 97 10
32	56.62	0.050	0.13	0.83	62	849	61	20 488	-1 397.2	1 964.2	1989	94 11
32	61.20	0.050	0.16	0.83	62	849	61	21 026	-1 411.1	1 983.0	1989	94 12 - GPP
16	72.80	0.027	0.24	0.83	62	849	61	20 404	-1 396.6	1 967.0	1989	93 12 - GPP
16	99.00	0.029	0.22	0.79	99	852	57	21 427	-1 443.0	2 010.4	1989	94 11 - GPP
16	77.40	0.026	0.29	0.79	99	852	57	20 477	-1 425.7	1 990.5	1989	92 04 - ABAND 92 01
16	38.10	0.056	0.26	0.83	62	849	61	20 547	-1 416.0	1 984.5	1990	92 09 - ABAND 92 01
16	15.60	0.057	0.27	0.83	62	849	61	19 341	-1 341.9	1 907.8	1990	94 11 - GPP
64	8.10	0.030	0.21	0.83	62	849	61	19 796	-1 313.5	1 878.8	1990	90 08 - GPP
32	18.30	0.030	0.21	0.83	62	849	61	19 747	-1 321.7	1 887.2	1990	94 11 - ABAND 94 10
32	97.40	0.010	0.30	0.83	62	849	61	19 719	-1 332.5	1 897.7	1990	94 11 - ABAND 94 02
32	4.50	0.050	0.34	0.83	62	849	61	18 183	-1 374.1	1 937.5	1990	94 11 - GPP
16	12.80	0.050	0.16	0.83	62	849	61	19 860	-1 315.0	1 880.4	1991	96 04 - ABAND 95 11
32	13.50	0.050	0.24	0.83	62	849	61	18 098	-1 361.7	1 928.8	1992	93 04 - ABAND 93 01
64	6.50	0.110	0.30	0.85	60	917	48	10 538	-468.1	1 145.4	1987	88 04 - ABAND 89 11
64	8.60	0.140	0.41	0.80	84	880	43	10 716	-496.0	1 163.0	1988	88 07 - ABAND 89 11
65	1.52	0.130	0.13	0.76	104	825	61	22 056	-889.6	1 787.2	1963	95 03 - ABAND 94 08
2 397					104	825	61	22 246	-926.5	1 844.8	1963	90 12 - GPP
128	3.35	0.101	0.17	0.76								
2 269	2.29	0.101	0.17	0.76								
192	1.79	0.110	0.18	0.76	103	825	60	20 039	-917.8	1 921.5	1974	84 09 - GPP
516	1.50	0.100	0.15	0.76	180	802	55	20 855	-966.4	1 900.5	1978	81 12 - GPP
97	2.00	0.150	0.15	0.61	200	800	53	20 760	-949.8	1 909.7	1981	96 01 - ABAND 95 05
64	2.00	0.120	0.15	0.62	185	800	63	19 460	-985.0	1 899.5	1981	97 12 - GPP
64	2.40	0.069	0.15	0.62	190	813	69	21 850	-1 039.2	2 002.1	1982	94 12 - GPP
64	2.70	0.090	0.15	0.75	104	825	63	19 506	-946.1	1 905.9	1981	96 01 - ABAND 95 05
221	2.00	0.095	0.15	0.70	104	800	64	22 834	-1 018.9	1 940.2	1980	83 12 - GPP
64	1.90	0.150	0.07	0.62	195	800	65	19 817	-983.6	1 900.4	1982	87 12 - GPP
16	3.00	0.110	0.18	0.63	189	819	64	19 991	-911.3	1 918.8	1983	96 06 - GPP
64	0.85	0.150	0.15	0.65	186	824	65	21 553	-1 005.5	1 917.2	1983	87 12 - GPP
64	0.79	0.100	0.15	0.62	186	824	65	21 213	-1 038.6	1 981.6	1981	97 12 - GPP
88	1.20	0.120	0.15	0.62	189	815	64	17 907	-950.5	1 934.4	1963	95 12 - GPP
64	1.30	0.130	0.18	0.70	153	821	64	19 984	-910.2	1 865.4	1984	91 10 - ABAND 89 09
512	0.88	0.100	0.26	0.71	122	809	63	21 660	-917.2	1 933.1	1974	84 10 - GPP
1 800	1.42	0.100	0.27	0.67	189	817	64	24 191	-941.8	1 894.4	1977	96 08 - GPP
64	3.00	0.160	0.24	0.72	142	829	67	23 059	-825.9	1 749.3	1982	88 12
64	2.00	0.060	0.15	0.75	104	826	63	22 603	-1 071.5	2 123.3	1983	83 08 - GPP
64	3.00	0.122	0.28	0.88	204	825	64	21 732	-978.1	1 934.9	1972	89 05 - GPP
64	3.05	0.120	0.14	0.80	105	802	62	21 654	-955.3	1 932.2	1962	93 07 - ABAND 78 02
64	2.21	0.090	0.18	0.75	104	869	63	12 853	-1 081.7	2 148.6	1984	96 05 - GPP
3 640	4.57	0.100	0.28	0.69	220	813	83	23 869	-1 052.9	2 037.4	1962	95 11 - GPP
64	4.60	0.220	0.24	0.71	120	800	65	25 368	-1 180.8	2 101.3	1981	83 02 - GPP
64	12.10	0.050	0.10	0.70	130	825	72	23 915	-1 122.2	2 042.0	1987	92 04 - GPP
128	2.85	0.120	0.10	0.80	165	812	80	24 403	-1 311.7	2 246.3	1991	92 12 - GPP
64	2.00	0.150	0.20	0.70	140	800	97	27 461	-1 689.7	2 708.0	1981	82 04
16	8.72	0.090	0.27	0.75	140	840	86	19 096	-1 436.6	2 382.7	1992	96 06 - GPP
83	0.91	0.200	0.30	0.75	46	876	47	8 618	-509.5	1 191.9	1950	71 05 - ABAND 70 07
135	1.43	0.173	0.36	0.87	46	876	47	8 597	-506.4	1 184.9	1951	74 04 - ABAND 74 03
1 616	1.62	0.190	0.31	0.88	80	833	40	10 377	-463.9	1 130.9	1985	95 04
1 170	3.32	0.170	0.36	0.80	88	816	50	7 366	-606.0	1 298.1	1988	96 08 - GPP
64	8.00	0.100	0.43	0.77	100	831	63	14 636	-1 018.4	1 715.7	1986	97 09

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
ELMWORTH 070-11W6 (CONTINUED)								
CHARLIE LAKE A	3 200.0	0.15		480.0		480.0	341.7	138.3
CHARLIE LAKE B	114.0	0.10		11.4		11.4	3.2	8.2
FIELD TOTAL	9 940.0			883.5		883.5	524.0	359.5
ELNORA 035-23W4								
UPPER MANNVILLE E	200.0	0.10		20.0		20.0	17.5	2.5
UPPER MANNVILLE L	300.0	0.20		60.0		60.0	42.0	18.0
UPPER MANNVILLE N	47.8	<0.04		1.9		1.9	1.9	
LOWER MANNVILLE B	71.3	<0.02		1.0		1.0	1.0	
LOWER MANNVILLE D	26.7	<0.02		0.4		0.4	0.4	
NISKU A	365.0	0.20		73.0		73.0	10.0	63.0
FIELD TOTAL	1 010.8			156.3		156.3	72.8	83.5
ENCHANT 012-16W4								
UMNV BBB & LIVINGSTONE C	227.0	0.10		22.7		22.7	15.8	6.9
SUNBURST J	115.0	0.10		11.5		11.5	0.3	11.2
DETRITAL-LIVINGSTONE A	500.0	0.20		100.0		100.0	73.7	26.3
ELLIS V TOTAL	605.0			100.0	81.0	181.0	107.9	73.1
PRIMARY AREA	64.8	0.30		19.4		19.4		
WATER FLOOD AREA	540.0	0.15	0.15	81.0	81.0	162.0		
ELLIS BB	21.0	<0.03		0.6		0.6	0.6	
LIVINGSTONE B	56.7	<0.07		3.6		3.6	3.6	
LIVINGSTONE D	48.9	<0.01		0.3		0.3	0.3	
ARCS C	177.0	0.05		8.9		8.9	6.5	2.4
ARCS D	168.0	0.20		33.6		33.6	24.5	9.1
ARCS E	354.0	0.10		35.4		35.4	25.4	10.0
ARCS I	779.0	0.07		54.5		54.5	33.2	21.3
ARCS S	306.0	0.20		61.2		61.2	24.9	36.3
ARCS T	303.0	0.05		15.2		15.2	6.8	8.4
ARCS DD	94.5	0.05		4.7		4.7	1.9	2.8
ARCS LL	455.0	0.08		36.4		36.4	29.3	7.1
ARCS OO	398.0	0.20		79.6		79.6	40.6	39.0
ARCS F & G WATER FLOOD	3 623.0	0.16	0.09	580.0	330.0	910.0	337.3	572.7
ARCS P & R WATER FLOOD	1 732.0	0.15	0.10	260.0	173.0	433.0	109.6	323.4
ARCS K & V	610.0	0.15		91.5		91.5	59.9	31.6
ARCS M & AA	510.0	0.15		76.5		76.5	37.4	39.1
ARCS L & BB	303.0	0.07		21.2		21.2	14.4	6.8
ARCS Y & Z WATER FLOOD	700.0	0.20	0.08	140.0	56.0	196.0	117.6	78.4
ARCS CC & EE	1 698.0	0.07		119.0		119.0	90.1	28.9
ARCS FF & GG TOTAL	5 175.0			544.0	285.0	829.0	181.9	647.1
PRIMARY AREA	2 322.0	0.05		116.0		116.0		
WATER FLOOD AREA	2 853.0	0.15	0.10	428.0	285.0	713.0		
ARCS AAA	2 512.0	0.15		377.0		377.0	130.7	246.3
ARCS JJJ	94.7	0.15		14.2		14.2	5.2	9.0
ARCS KKK	61.2	0.20		12.2		12.2	0.8	11.4
ARCS LLL	158.0	0.05		7.9		7.9		7.9
ARCS MM & NN WATER FLOOD	596.0	0.20	0.10	119.0	59.6	179.0	131.1	47.9
ARCS N & O	207.0	0.25		51.8		51.8	35.1	16.7
ARCS RR & SS	200.0	0.15		30.0		30.0	7.6	22.4
ARCS TT & UU	1 191.0	0.15		179.0		179.0	71.1	107.9
ARCS J & VV TOTAL	6 866.0			1 030.0	636.0	1 666.0	562.6	1 103.4
PRIMARY AREA	2 627.0	0.15		394.0		394.0		
WATER FLOOD AREA	4 239.0	0.15	0.15	636.0	636.0	1 272.0		
ARCS KK & FFF	531.0	0.03		15.9		15.9	7.6	8.3
ARCS HHH & III	432.0	0.05		21.6		21.6	5.4	16.2
ARCS A & B	789.0	0.34		268.0		268.0	164.1	103.9
FIELD TOTAL *	32 597.0			4 527.0	1 620.6	6 148.0	2 464.8	3 683.2
ENSIGN 016-26W4								
RUNDLE A	150.0	<0.02		2.9		2.9	2.9	
FIELD TOTAL	150.0			2.9		2.9	2.9	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
858	5.94	0.100	0.14	0.73	114	820	85	32 142	-1 701.5	2 402.3	1979	97 11
64	3.40	0.110	0.32	0.70	83	803	60	21 872	-1 575.1	2 255.8	1979	83 12 - GPP
53	4.40	0.150	0.32	0.84	54	875	52	8 430	-593.7	1 499.7	1987	89 12 - GPP
64	4.12	0.160	0.10	0.79	78	878	59	9 158	-703.8	1 622.5	1988	89 12
16	3.50	0.150	0.28	0.79	78	877	59	8 522	-585.3	1 512.2	1992	94 08 - ABAND 94 06
64	1.50	0.115	0.24	0.85	52	892	64	9 835	-746.9	1 643.3	1986	92 10 - ABAND 92 10
16	2.00	0.140	0.30	0.85	64	846	48	10 124	-728.2	1 598.5	1988	96 06 - GPP
100	5.87	0.100	0.26	0.84	52	840	71	14 510	-982.7	1 887.5	1995	97 03
64	8.63	0.070	0.31	0.85	70	905	37	11 537	-261.0	1 020.3	1988	97 09
16	5.00	0.230	0.30	0.89	50	877	32	10 116	-220.2	988.5	1996	96 07
189	3.64	0.140	0.35	0.80	88	855	29	11 186	-212.3	982.8	1987	93 04
84					53	868	28	9 595	-181.3	956.2	1993	97 12
20	2.30	0.220	0.28	0.89								
64	4.94	0.240	0.20	0.89								- GPP
16	1.30	0.210	0.46	0.89	44	866	31	10 917	-200.6	994.4	1994	96 06 - GPP
16	5.20	0.135	0.42	0.87	52	862	35	11 230	-233.6	1 041.6	1987	96 06 - GPP
16	6.50	0.090	0.42	0.90	41	912	39	10 751	-220.8	1 002.0	1989	96 06
32	5.00	0.180	0.30	0.88	47	854	36	12 592	-546.5	1 331.5	1986	90 12 - GPP
32	8.30	0.080	0.10	0.88	47	854	36	13 679	-566.5	1 347.2	1986	94 12 - GPP
80	5.20	0.130	0.21	0.83	75	880	36	12 663	-555.7	1 331.8	1987	97 12 - GPP
64	14.35	0.130	0.25	0.87	52	900	35	12 435	-560.8	1 345.4	1987	97 12 - GPP
76	4.20	0.150	0.23	0.83	80	890	39	12 530	-554.6	1 337.5	1988	97 12 - GPP
64	5.21	0.120	0.15	0.89	83	883	35	12 327	-604.8	1 365.0	1988	92 10 - GPP
16	6.00	0.160	0.25	0.82	83	868	35	13 701	-573.7	1 348.6	1986	96 10 - GPP
64	7.95	0.150	0.33	0.89	62	883	35	12 694	-582.4	1 369.7	1989	93 03 - GPP
64	6.00	0.160	0.18	0.79	109	898	34	12 673	-553.6	1 342.5	1986	91 10
256	15.60	0.140	0.20	0.81	52	898	35	12 181	-602.4	1 362.8	1987	96 09 - GPP
344	7.41	0.110	0.29	0.87	92	862	35	12 143	-591.1	1 375.9	1988	97 07 - GPP
113	5.83	0.130	0.20	0.89	49	849	35	11 641	-568.5	1 363.5	1987	90 03
92	6.72	0.120	0.21	0.87	52	862	35	11 903	-568.3	1 363.7	1988	90 03 - GPP
128	4.20	0.080	0.21	0.89	49	870	35	12 437	-579.3	1 360.8	1987	96 08 - GPP
115	7.50	0.120	0.24	0.89	70	883	35	12 239	-589.8	1 357.3	1989	97 06 - GPP
96	18.64	0.130	0.18	0.89	49	883	35	13 871	-553.5	1 335.7	1989	94 12
1 029					83	862	35	12 110	-579.4	1 359.6	1989	97 09
577	5.21	0.120	0.26	0.87								
452	8.17	0.120	0.26	0.87								- GPP
563	6.85	0.120	0.39	0.89	51	883	35	12 297	-601.1	1 383.2	1992	93 11
32	5.00	0.100	0.32	0.87	51	866	37	11 095	-577.6	1 360.3	1994	95 04
32	4.00	0.110	0.50	0.87	51	866	35	12 356	-608.4	1 394.0	1985	95 10 - GPP
32	5.50	0.170	0.33	0.79	109	861	34			1 352.0	1996	97 04
64	9.57	0.140	0.21	0.88	83	898	35	13 155	-583.1	1 320.9	1990	93 08 - GPP
64	4.86	0.110	0.32	0.89	49	883	35	12 247	-617.6	1 384.0	1988	95 12 - GPP
32	7.94	0.130	0.32	0.89	83	898	35	14 133	-570.3	1 349.9	1991	92 02 - GPP
290	6.50	0.110	0.34	0.87	83	843	35	11 982	-592.3	1 375.0	1988	95 05 - GPP
1 355					74	897	35	12 326	-596.0	1 392.0	1987	97 12
452	8.70	0.120	0.36	0.87								
903	6.54	0.125	0.34	0.87								- GPP
64	12.10	0.110	0.30	0.89	49	883	35	14 480	-567.4	1 346.6	1990	94 03 - GPP
64	7.63	0.140	0.29	0.89	49	883	35	11 233	-574.4	1 375.3	1994	95 08 - GPP
143	6.39	0.130	0.20	0.83	50	887	35	12 572	-556.9	1 336.4	1985	95 07 - GPP
64	5.55	0.070	0.15	0.71	124	870	49	18 525	-985.1	2 039.1	1976	90 12

TABLE 2-6

FIELD POOL	1	2	3	4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
ENTICE 027-24W4								
LOWER MANNVILLE A	331.0	<0.02		4.0		4.0	4.0	
PEKISKO A	260.0	0.03		7.8		7.8	5.2	2.6
FIELD TOTAL	591.0			11.8		11.8	9.2	2.6
EQUISETUM 088-06W5								
KEG RIVER A	39.8	0.25		10.0		10.0	1.5	8.5
KEG RIVER B	58.9	<0.01		0.5		0.5	0.5	
KEG RIVER C	152.0	0.10		15.2		15.2	5.0	10.2
FIELD TOTAL	250.7			25.7		25.7	7.0	18.7
ERSKINE 039-20W4								
VIKING C	84.8	0.10		8.5		8.5	0.1	8.4
BLAIRMORE F	192.0	<0.01		1.7		1.7	1.7	
BLAIRMORE G	193.0	0.05		9.7		9.7	3.2	6.5
BLAIRMORE J	465.0	0.10		46.5		46.5	29.7	16.8
BLAIRMORE P	150.0	<0.01		0.4		0.4	0.4	
BLAIRMORE W	206.0	<0.01		0.3		0.3	0.3	
BLAIRMORE X	89.6	0.10		9.0		9.0	6.4	2.6
GLAUCONITIC F	201.0	0.05		10.1		10.1	4.1	6.0
GLAUCONITIC I	149.0	0.05		7.5		7.5	1.3	6.2
GLAUCONITIC N	93.3	0.10		9.3		9.3	2.8	6.5
D-2	459.0	0.10		45.9		45.9	44.6	1.3
D-2 B	59.3	<0.02		0.7		0.7	0.7	
D-2 C	41.6	<0.02		0.8		0.8	0.8	
D-3	6 927.0	0.60		4 156.0		4 156.0	3 983.1	172.9
FIELD TOTAL	9 310.6			4 306.4		4 306.4	4 079.2	227.2
ESTHER 032-02W4								
VIKING A	110.0	<0.03		2.3		2.3	2.2	0.1
VIKING B & C	1 437.0	0.12		172.0		172.0	97.6	74.4
FIELD TOTAL *	1 547.0			174.3		174.3	99.8	74.5
ESTUARY 023-22W4								
BASAL QUARTZ A	200.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL	200.0			0.1		0.1	0.1	
ETHEL 067-08W5								
BEAVERHILL LAKE A	993.0	0.02		19.9		19.9	15.8	4.1
FIELD TOTAL	993.0			19.9		19.9	15.8	4.1
EVI 087-13W5								
SLAVE POINT A	880.0	<0.12		101.4		101.4	101.4	
SLAVE POINT B	1 525.0	0.15		229.0		229.0	167.2	61.8
SLAVE POINT C	280.0	<0.04		10.6		10.6	10.6	
SLAVE POINT D	216.0	<0.08		15.7		15.7	15.7	
SLAVE POINT E	16.6	<0.09		1.4		1.4	1.4	
SLAVE POINT F	59.1	<0.07		4.1		4.1	4.1	
SLAVE POINT H	1 050.0	0.08		84.0		84.0	64.2	19.8
SLAVE POINT I	153.0	<0.05		7.0		7.0	7.0	
SLAVE POINT K	1 410.0	0.05		70.5		70.5	42.3	28.2
SLAVE POINT L	185.0	0.07		13.0		13.0	13.0	
SLAVE POINT M	62.9	<0.09		5.5		5.5	5.5	
SLAVE POINT N	398.0	0.10		39.8		39.8	35.2	4.6
SLAVE POINT O	72.6	<0.01		0.5		0.5	0.5	
SLAVE POINT P	216.0	<0.01		0.2		0.2	0.2	
SLAVE POINT Q	94.1	<0.04		3.3		3.3	3.3	
SLAVE POINT R	289.0	<0.01		2.0		2.0	2.0	
SLAVE POINT S	184.0	0.15		27.6		27.6	24.1	3.5
SLAVE POINT T	134.0	0.25		33.5		33.5	12.6	20.9
SLAVE POINT U	38.9	<0.02		0.7		0.7	0.7	
SLAVE POINT V	52.3	<0.02		0.8		0.8	0.8	
SLAVE POINT W	219.0	0.10		21.9		21.9	5.9	16.0
SLAVE POINT Y	80.1	<0.02		1.1		1.1	1.1	
SLAVE POINT X & GILWOOD EE	317.0	0.15		47.6		47.6	24.5	23.1
GILWOOD A	1 075.0	0.50		538.0		538.0	364.5	173.5

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
64	3.00	0.260	0.21	0.84	67	884	44	10 905	-681.8	1 575.8	1975	93 03 - ABAND 92 11
64	10.00	0.090	0.45	0.82	52	887	53	11 630	-778.6	1 689.2	1980	83 12 - GPP
64	2.33	0.060	0.50	0.89	40	830	46	14 849	-784.1	1 517.3	1987	94 10 - GPP
64	2.50	0.056	0.27	0.90	32	824	39	14 659	-790.4	1 482.7	1987	88 06 - ABAND 91 05
64	5.20	0.080	0.33	0.85	40	830	43	14 584	-794.0	1 510.3	1988	96 08 - GPP
64	1.60	0.140	0.35	0.91	32	883	50		-357.6	1 172.6	1953	97 12
64	3.10	0.190	0.42	0.88	48	899	50	9 986	-569.1	1 385.1	1978	79 05 - ABAND 83 09
64	2.20	0.200	0.22	0.88	121	875	52	10 242	-513.8	1 340.4	1980	96 08 - GPP
192	2.29	0.190	0.36	0.87	47	880	46	10 088	-516.6	1 340.1	1982	84 06 - GPP
64	2.80	0.190	0.50	0.88	48	875	37	8 035	-554.5	1 370.0	1953	88 12 - ABAND 92 10
64	3.30	0.190	0.39	0.84	64	900	54	9 986	-522.3	1 348.1	1985	87 12 - ABAND 95 09
64	1.80	0.150	0.39	0.85	57	873	50	10 398	-502.0	1 323.1	1981	82 09 - GPP
64	2.70	0.200	0.30	0.83	75	870	50	10 070	-488.8	1 318.0	1981	96 08 - GPP
64	2.40	0.180	0.35	0.83	68	877	44	9 561	-507.2	1 334.7	1973	84 05 - GPP
64	2.20	0.140	0.43	0.83	68	877	44	9 754	-495.3	1 312.6	1993	94 02 - GPP
58	17.37	0.067	0.15	0.80	76	887	60	12 053	-754.0	1 577.6	1955	73 12 - GPP
16	9.50	0.065	0.25	0.80	77	899	61	10 511	-750.2	1 573.3	1980	94 11 - ABAND 93 04
32	3.19	0.060	0.15	0.80	54	887	60	11 414	-755.4	1 576.2	1954	89 12 - ABAND 89 06
1 864	8.60	0.062	0.15	0.82	84	887	61	15 332	-821.0	1 642.2	1952	92 12 - GPP
64	1.67	0.220	0.48	0.90	38	871	29	6 828	-10.8	710.6	1969	97 12 - GPP
638	1.70	0.230	0.36	0.90	44	849	27	6 694	-11.8	709.2	1974	96 06 - GPP
64	4.50	0.150	0.45	0.84	68	877	46	10 660	-600.7	1 517.3	1980	83 12 - ABAND 82 08
400	7.19	0.057	0.17	0.73	99	815	67	21 212	-1 360.7	2 296.4	1964	92 12 - GPP
384	5.64	0.062	0.28	0.91	171	833	38	16 463	-950.2	1 575.8	1979	96 06 - GPP
705	3.86	0.080	0.23	0.91	30	833	38	16 253	-943.0	1 554.7	1979	94 11 - GPP
64	5.00	0.120	0.20	0.91	33	833	38	15 925	-927.3	1 576.5	1981	85 12 - ABAND 87 03
64	6.50	0.090	0.27	0.79	94	861	49	15 719	-923.5	1 584.3	1982	96 06 - GPP
16	3.00	0.060	0.27	0.79	94	833	49	15 750	-917.8	1 528.3	1982	96 06 - GPP
32	4.00	0.080	0.27	0.79	94	833	49	16 110	-924.0	1 543.0	1982	96 06 - GPP
192	9.70	0.080	0.19	0.87	40	842	36	16 524	-967.3	1 553.3	1982	91 12 - GPP
64	6.00	0.060	0.27	0.91	32	833	38	16 918	-960.3	1 545.0	1982	83 03 - ABAND 89 06
448	8.58	0.063	0.36	0.91	34	828	47	15 654	-895.3	1 507.5	1980	87 12 - GPP
64	13.60	0.039	0.40	0.91	42	827	66	15 679	-905.6	1 512.1	1981	94 12 - ABAND 94 09
64	5.40	0.040	0.50	0.91	33	835	38	15 386	-890.6	1 508.0	1983	96 06 - GPP
141	6.82	0.078	0.41	0.90	33	794	40	15 087	-890.3	1 489.3	1983	89 12 - GPP
32	7.50	0.056	0.40	0.90	33	832	40	15 211	-876.2	1 472.8	1984	94 09 - ABAND 94 03
64	6.80	0.080	0.31	0.90	33	840	40	15 348	-885.7	1 471.2	1986	89 12 - ABAND 91 03
32	3.80	0.100	0.15	0.91	32	838	37	16 115	-958.4	1 545.9	1984	96 04 - ABAND 95 09
64	6.00	0.120	0.31	0.91	35	841	37	16 419	-978.8	1 553.0	1983	88 12 - ABAND 91 11
32	8.50	0.100	0.23	0.88	44	840	39	16 117	-960.5	1 542.8	1984	90 12 - GPP
64	4.30	0.080	0.31	0.88	109	827	62	14 440	-903.9	1 528.1	1991	92 01 - GPP
16	4.00	0.090	0.25	0.90	33	794	40	14 463	-948.2	1 541.9	1994	96 06 - GPP
16	5.30	0.090	0.23	0.89	33	794	40	15 105	-958.5	1 545.9	1993	96 03 - ABAND 95 09
64	5.50	0.090	0.24	0.91	30	828	38	14 554	-927.0	1 594.3	1993	94 10 - GPP
32	4.80	0.070	0.19	0.92	30	828	38	14 472	-949.6	1 534.4	1994	97 11 - ABAND 97 08
64	8.20	0.094	0.27	0.88	36	845	42	14 151	-970.9	1 619.3	1994	95 12 - GPP
200	4.50	0.210	0.28	0.79	45	820	49	16 844	-976.0	1 594.3	1980	96 12 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	10^3m^3	PRIMARY frac	ENHANCED frac	PRIMARY 10^3m^3	ENHANCED 10^3m^3	TOTAL 10^3m^3	10^3m^3	10^3m^3
EVI 087-13W5 (CONTINUED)								
GILWOOD B	299.0	0.40		120.0		120.0	95.5	24.5
GILWOOD D	191.0	<0.19		34.9		34.9	34.9	
GILWOOD H	285.0	0.20		57.0		57.0	36.1	20.9
GILWOOD I	710.0	0.25		178.0		178.0	170.1	7.9
GILWOOD J	238.0	0.30		71.4		71.4	61.2	10.2
GILWOOD K	146.0	<0.07		9.7		9.7	9.7	
GILWOOD L	247.0	0.32		79.0		79.0	73.7	5.3
GILWOOD O	243.0	0.28		68.0		68.0	57.8	10.2
GILWOOD P	132.0	<0.07		8.1		8.1	8.1	
GILWOOD R	131.0	0.35		45.9		45.9	40.2	5.7
GILWOOD S	13.0	<0.15		1.9		1.9	1.9	
GILWOOD T	42.4	<0.07		2.6		2.6	2.6	
GILWOOD W	152.0	0.25		38.0		38.0	30.8	7.2
GILWOOD Y	71.9	0.25		18.0		18.0	12.9	5.1
GILWOOD Z	35.1	0.03		1.1		1.1	1.1	
GILWOOD BB	22.0	0.35		7.7		7.7	7.2	0.5
GILWOOD CC	91.2	<0.08		6.5		6.5	6.5	
GILWOOD DD	35.0	<0.02		0.6		0.6	0.6	
GILWOOD FF	63.5	0.30		19.1		19.1	7.7	11.4
GILWOOD GG	311.0	0.30		93.3		93.3	26.3	67.0
GILWOOD HH	39.0	0.30		11.7		11.7	3.4	8.3
GILWOOD II	284.0	0.30		85.2		85.2	11.3	73.9
GILWOOD V & GRANITE WASH K	202.0	0.30		60.6		60.6	18.1	42.5
GILWOOD G & GRANITE WASH H	200.0	0.25		50.0		50.0	47.5	2.5
GILWOOD X & GRANITE WASH R	366.0	0.25		91.5		91.5	46.0	45.5
KEG RIVER A & GRANITE WASH N	5 330.0	0.45		2 399.0		2 399.0	2 237.8	161.2
KEG RIVER B & GRANITE WASH P	3 608.0	0.45		1 624.0		1 624.0	1 239.8	384.2
GRANITE WASH G	100.0	0.12		12.0		12.0	12.0	
GRANITE WASH I	75.6	<0.12		8.4		8.4	8.4	
GRANITE WASH L	207.0	0.25		51.8		51.8	42.8	9.0
GRANITE WASH M	35.0	<0.14		4.8		4.8	4.8	
GRANITE WASH S	104.0	0.15		15.6		15.6	5.1	10.5
GRANITE WASH T	126.0	0.08		10.1		10.1	3.6	6.5
GRANITE WASH U	58.3	<0.03		1.7		1.7	1.7	
GRANITE WASH V	242.0	0.20		48.4		48.4	18.6	29.8
GRANITE WASH W	268.0	0.20		53.6		53.6	30.5	23.1
GRANITE WASH X	850.0	0.20		170.0		170.0	49.3	120.7
GRANITE WASH Y	148.0	0.40		59.2		59.2	49.9	9.3
GRANITE WASH Z	17.2	<0.03		0.4		0.4	0.4	
GRANITE WASH AA	315.0	0.20		63.0		63.0	37.7	25.3
GRANITE WASH BB	469.0	0.20		93.8		93.8	25.2	68.6
GRANITE WASH CC	362.0	0.20		72.4		72.4	24.6	47.8
GRANITE WASH DD	121.0	0.25		30.3		30.3	24.5	5.8
GRANITE WASH EE	110.0	0.30		33.0		33.0	12.8	20.2
GRANITE WASH FF	1 091.0	0.25		273.0		273.0	129.9	143.1
GRANITE WASH GG	1 104.0	0.25		276.0		276.0	110.8	165.2
GRANITE WASH II	61.0	0.20		12.2		12.2	5.4	6.8
GRANITE WASH KK	58.3	0.02		1.2		1.2	1.2	
GRANITE WASH LL	197.0	0.25		49.3		49.3	19.8	29.5
GRANITE WASH MM	69.2	0.20		13.8		13.8	10.7	3.1
GRANITE WASH NN	200.0	0.25		50.0		50.0	23.2	26.8
GRANITE WASH OO	278.0	0.30		83.4		83.4	52.3	31.1
GRANITE WASH PP	284.0	0.20		56.8		56.8	39.0	17.8
GRANITE WASH QQ	113.0	0.20		22.6		22.6	3.4	19.2
GRANITE WASH RR	61.5	0.25		15.4		15.4	11.7	3.7
GRANITE WASH SS	52.0	0.30		15.6		15.6	3.2	12.4
GRANITE WASH TT	302.0	0.20		60.4		60.4	22.6	37.8
GRANITE WASH UU	178.0	0.20		35.6		35.6	4.5	31.1
GRANITE WASH VV	83.6	0.20		16.7		16.7	3.0	13.7
GRANITE WASH WW	33.2	0.35		11.6		11.6	2.2	9.4
GRANITE WASH XX	33.5	0.35		11.7		11.7	3.5	8.2
FIELD TOTAL	30 303.1			8 175.8		8 175.8	5 994.9	2 180.9
EWING LAKE 037-21W4								
D-2 C	543.0	0.35		190.0		190.0	175.3	14.7

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m^3/m^3	kg/m^3	°C	kPa	m MSL	m KB		
64	4.80	0.170	0.35	0.88	45	820	49	16 381	-976.1	1 600.7	1982	97 12 - GPP
192	1.27	0.147	0.35	0.82	66	833	41	16 483	-981.3	1 643.2	1981	96 06 - ABAND 96 09
128	1.70	0.210	0.24	0.82	45	833	49	16 825	-983.6	1 600.6	1981	94 11 - GPP
128	4.98	0.186	0.27	0.82	45	825	49	16 698	-982.5	1 585.5	1979	88 10 - GPP
64	3.00	0.170	0.17	0.88	62	835	43	16 363	-971.7	1 566.0	1981	94 12 - GPP
32	3.50	0.215	0.27	0.83	62	835	43	16 426	-969.1	1 568.0	1981	96 06 - ABAND 97 09
128	2.61	0.120	0.30	0.88	36	833	42	15 496	-962.0	1 585.1	1982	97 12 - GPP
192	1.74	0.120	0.31	0.88	36	846	42	16 398	-959.0	1 569.5	1981	92 12 - GPP
64	2.00	0.180	0.30	0.82	45	833	49	16 526	-991.4	1 608.0	1982	96 04 - ABAND 95 03
128	1.66	0.100	0.30	0.88	36	854	42	13 171	-963.8	1 606.5	1982	95 12 - GPP
64	0.82	0.040	0.30	0.88	44	854	39	16 383	-959.2	1 613.0	1982	85 12 - ABAND 88 03
64	1.34	0.076	0.26	0.88	36	845	42	14 858	-969.7	1 630.5	1982	92 10
64	2.82	0.160	0.40	0.88	62	840	45	16 367	-972.7	1 578.3	1982	89 12 - GPP
64	1.40	0.160	0.43	0.88	36	846	42	14 939	-955.2	1 561.2	1989	93 12 - GPP
64	0.80	0.130	0.40	0.88	36	846	42	15 079	-958.7	1 589.8	1990	95 02 - ABAND 94 11
64	0.86	0.070	0.35	0.88	36	846	42	14 960	-972.2	1 586.5	1989	94 11 - GPP
64	1.80	0.150	0.40	0.88	45	825	48	16 705	-976.7	1 627.9	1981	93 12 - ABAND 93 11
16	1.50	0.240	0.26	0.82	75	835	33	17 909	-995.4	1 582.8	1993	96 03 - ABAND 95 05
32	2.60	0.190	0.51	0.82	45	833	49	14 976	-973.7	1 619.5	1995	95 11 - GPP
32	6.90	0.200	0.20	0.88	36	845	42	13 198	-977.8	1 576.8	1996	96 07 - GPP
32	1.00	0.190	0.27	0.88	36	845	42	13 568	-976.2	1 575.2	1995	96 07 - GPP
64	4.16	0.210	0.38	0.82	45	825	49	12 846	-980.5	1 579.3	1996	97 01 - GPP
96	2.38	0.160	0.38	0.89	34	845	43	16 188	-978.6	1 584.7	1982	96 04 - GPP
64	4.50	0.150	0.48	0.89	44	835	44	16 633	-981.6	1 597.1	1982	91 08 - GPP
64	6.30	0.170	0.40	0.89	49	845	38	16 455	-985.3	1 609.0	1989	93 01 - GPP
842	5.17	0.196	0.29	0.88	53	824	38	16 141	-933.6	1 511.7	1985	94 12 - GPP
342	8.50	0.200	0.27	0.85	50	828	36	15 938	-927.5	1 494.1	1985	94 12 - GPP
103	2.20	0.100	0.51	0.90	33	833	43	16 559	-995.0	1 597.4	1982	96 06 - GPP
16	4.00	0.175	0.25	0.90	34	845	43	16 806	-995.0	1 608.1	1982	95 01 - ABAND 93 12
64	4.08	0.160	0.45	0.90	34	845	43	17 041	-994.9	1 608.5	1982	92 12 - GPP
25	2.00	0.150	0.48	0.90	64	844	43	16 533	-1 000.9	1 613.1	1983	85 05 - ABAND 89 08
32	4.65	0.130	0.40	0.90	34	845	43	15 235	-992.0	1 610.4	1990	91 12 - GPP
32	5.80	0.150	0.50	0.90	34	845	43	16 353	-997.1	1 616.6	1990	96 08 - GPP
16	5.00	0.150	0.46	0.90	34	844	43	15 687	-993.6	1 609.9	1991	96 06 - GPP
128	1.56	0.220	0.38	0.89	49	835	38	13 992	-965.0	1 551.2	1992	94 01 - GPP
64	2.80	0.200	0.15	0.88	47	818	38	13 406	-963.4	1 524.3	1993	93 06 - GPP
64	7.40	0.240	0.15	0.88	47	818	38	13 528	-969.1	1 537.4	1993	93 06 - GPP
100	1.24	0.160	0.15	0.88	47	818	38	13 439	-959.2	1 507.7	1993	97 12 - GPP
16	1.20	0.180	0.44	0.89	49	823	38	13 506	-974.8	1 570.9	1993	96 06 - GPP
64	3.60	0.210	0.26	0.88	47	818	38	13 473	-968.2	1 530.2	1993	93 12 - GPP
64	4.00	0.260	0.20	0.88	47	818	38	13 317	-959.1	1 512.6	1993	93 12 - GPP
64	4.50	0.210	0.32	0.88	47	816	38	13 413	-956.8	1 525.3	1993	93 12 - GPP
64	2.20	0.150	0.35	0.88	47	818	47	13 529	-964.6	1 537.6	1993	94 04 - GPP
64	1.80	0.180	0.41	0.90	34	845	43	12 908	-966.5	1 565.9	1994	94 05 - GPP
192	4.68	0.220	0.38	0.89	49	823	38	13 302	-958.1	1 510.8	1993	95 05 - GPP
370	2.62	0.200	0.36	0.89	49	823	38	13 323	-947.0	1 529.7	1993	95 05 - GPP
16	3.50	0.180	0.32	0.89	49	823	38	12 922	-963.6	1 542.2	1994	95 01 - GPP
20	3.50	0.170	0.45	0.89	49	823	38	12 206	-966.9	1 542.7	1994	96 04 - ABAND 95 06
68	2.50	0.200	0.35	0.89	49	823	38	12 954	-967.7	1 529.1	1993	95 10 - GPP
16	3.80	0.180	0.29	0.89	49	823	38	12 295	-963.8	1 532.8	1994	95 06 - GPP
32	4.70	0.210	0.29	0.89	49	823	38	11 480	-959.4	1 519.4	1994	95 04 - GPP
32	5.00	0.260	0.25	0.89	49	823	38	12 130	-961.1	1 527.8	1994	95 12 - GPP
64	3.60	0.220	0.37	0.89	49	823	38	12 183	-962.5	1 527.2	1994	95 05 - GPP
64	2.00	0.180	0.45	0.89	49	823	38	12 099	-972.1	1 530.3	1995	95 07 - GPP
16	3.60	0.200	0.40	0.89	45	835	38	10 895	-961.0	1 529.1	1995	97 12 - GPP
16	3.50	0.180	0.42	0.89	49	823	38	10 918	-965.8	1 519.5	1995	95 12 - GPP
32	6.50	0.240	0.32	0.89	49	823	38	11 090	-967.1	1 524.8	1995	95 12 - GPP
64	2.10	0.220	0.33	0.90	25	837	40	14 649	-992.8	1 591.8	1995	96 01 - GPP
32	3.60	0.160	0.46	0.84	60	832	41	10 607	-965.3	1 532.3	1995	97 01 - GPP
16	2.30	0.190	0.46	0.88	47	818	38	10 110	-961.0	1 527.6	1996	96 09 - GPP
16	2.20	0.180	0.40	0.88	47	818	38	10 221	-948.3	1 535.4	1996	96 09 - GPP
460	2.56	0.067	0.16	0.82	66	855	66	12 566	-784.9	1 637.4	1960	89 12 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY PRIMARY	3 RECOVERY ENHANCED	4 INITIAL ESTABLISHED RESERVES PRIMARY	5 INITIAL ESTABLISHED RESERVES ENHANCED	6 INITIAL ESTABLISHED RESERVES TOTAL	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	$10^3 m^3$	frac	frac	$10^3 m^3$	$10^3 m^3$	$10^3 m^3$	$10^3 m^3$	$10^3 m^3$
EWING LAKE 037-21W4 (CONTINUED)								
D-2 D	2 037.0	0.40		815.0		815.0	716.3	98.7
D-2 E	121.0	<0.02		1.3		1.3	1.3	
D-2 F	246.0	<0.02		3.2		3.2	3.2	
D-3 A	516.0	0.57		294.0		294.0	288.5	5.5
D-3 B	252.0	<0.10		23.6		23.6	23.6	
FIELD TOTAL	3 715.0			1 327.1		1 327.1	1 208.2	118.9
EXCELSIOR 056-24W4								
MANNVILLE A	1 800.0	<0.01		5.0		5.0	1.5	3.5
MANNVILLE F WATER FLOOD	789.0	0.20	0.15	158.0	118.0	276.0	191.5	84.5
D-2	6 800.0	0.68		4 624.0		4 624.0	4 488.3	135.7
FIELD TOTAL	9 389.0			4 787.0	118.0	4 905.0	4 681.3	223.7
EXPANSE 088-04W6								
GILWOOD A	474.0	<0.02		5.6		5.6	5.6	
GILWOOD B	55.2	<0.02		0.8		0.8	0.8	
FIELD TOTAL	529.2			6.4		6.4	6.4	
FAIRYDELL-BON ACCORD 057-24W4								
UPPER VIKING B	234.0	<0.09		20.0		20.0	20.0	
MIDDLE VIKING C	36.9	<0.10		3.4		3.4	3.4	
UPPER MANNVILLE B	93.6	<0.01		0.9		0.9	0.9	
BASAL MANNVILLE A	287.0	0.05		14.4		14.4	6.4	8.0
BASAL MANNVILLE C	2 756.0	0.05		138.0		138.0	121.8	16.2
BASAL MANNVILLE H	350.0	<0.01		0.5		0.5	0.5	
BASAL MANNVILLE J	128.0	<0.01		0.8		0.8	0.8	
BASAL MANNVILLE L	259.0	0.07		18.1		18.1	11.5	6.6
BASAL MANNVILLE M	107.0	<0.01		0.3		0.3	0.3	
BASAL MANNVILLE N	167.0	0.10		16.7		16.7	2.7	14.0
D-2 A	931.0	0.20		186.0		186.0	138.0	48.0
D-2 B	671.0	0.46		309.0		309.0	304.7	4.3
D-2 C	202.0	0.10		20.2		20.2	1.8	18.4
D-3 A	2 771.0	0.70		1 940.0		1 940.0	1 901.3	38.7
D-3 B	210.0	0.05		10.5		10.5	7.0	3.5
FIELD TOTAL	9 203.5			2 678.8		2 678.8	2 521.1	157.7
FARRELL 034-16W4								
LOWER MANNVILLE A	104.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL	104.0			0.1		0.1	0.1	
FARROW 020-24W4								
BOW ISLAND A	23.9	<0.03		0.7		0.7	0.7	
GLAUCONITIC A	64.8	0.10		6.5		6.5	3.1	3.4
GLAUCONITIC B	80.7	0.06		4.8		4.8	3.1	1.7
GLAUCONITIC C	111.0	0.10		11.1		11.1	2.6	8.5
GLAUCONITIC D	92.2	0.20		18.4		18.4	11.8	6.6
GLAUCONITIC E	84.8	0.10		8.5		8.5	4.6	3.9
GLAUCONITIC F	115.0	0.05		5.8		5.8	0.1	5.7
LOWER MANNVILLE A	23.5	0.10		2.4		2.4	0.1	2.3
OSTRACOD A	10.1	<0.03		0.3		0.3	0.3	
BASAL QUARTZ B	405.0	0.10		40.5		40.5	37.0	3.5
BASAL QUARTZ E	33.9	<0.05		1.6		1.6	1.6	
BASAL QUARTZ F	57.5	<0.05		2.7		2.7	2.7	
BASAL QUARTZ G	132.0	<0.06		7.5		7.5	7.5	
BASAL QUARTZ I	80.9	0.10		8.1		8.1	6.4	1.7
BASAL QUARTZ J	67.3	0.10		6.7		6.7	0.6	6.1
BASAL QUARTZ L	224.0	0.03		6.7		6.7	0.2	6.5
BASAL QUARTZ N	37.6	0.15		5.6		5.6	1.8	3.8
FIELD TOTAL	1 644.2			137.9		137.9	84.2	53.7
FENN WEST 036-20W4								
BANFF A	11.8	<0.17		1.9		1.9	1.9	
D-2 A	2 892.0	0.60		1 735.0		1 735.0	1 701.5	33.5

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
1 172	3.74	0.070	0.17	0.80	66	876	66	12 651	-785.3	1 632.0	1953	94 12 - GPP
64	5.90	0.080	0.50	0.80	66	876	66	12 694	-791.6	1 636.1	1981	87 12 - ABAND 93 06
64	5.20	0.100	0.10	0.82	65	873	64	11 970	-787.8	1 631.6	1986	94 06 - ABAND 93 10
322	4.18	0.057	0.18	0.82	69	870	60	13 176	-820.3	1 669.5	1953	96 12 - GPP
32	18.50	0.070	0.26	0.82	71	844	58	12 698	-824.3	1 668.9	1980	94 06 - ABAND 93 11
797	2.13	0.204	0.35	0.80	30	876	38	7 002	-368.6	1 070.7	1951	97 11 - GPP
256	2.34	0.210	0.34	0.95	55	859	45	7 761	-417.4	1 121.1	1951	93 10 - GPP
565	25.14	0.064	0.15	0.88	39	844	48	8 705	-477.4	1 180.3	1949	96 09 - GPP
64	9.80	0.140	0.35	0.83	57	845	73	23 146	-1 573.0	2 454.8	1982	96 02 - ABAND 95 11
16	5.00	0.130	0.36	0.83	50	824	86	22 504	-1 574.3	2 466.7	1983	92 12 - ABAND 95 12
100	1.83	0.200	0.20	0.80	43	860	38	6 051	-129.1	832.9	1953	89 12 - GPP
64	0.90	0.200	0.60	0.80	43	860	38	6 120	-138.9	843.0	1953	85 09 - ABAND 58 10
16	5.00	0.260	0.50	0.90	43	964	43	7 632	-210.3	913.5	1991	95 10 - ABAND 95 07
32	5.80	0.240	0.30	0.92	40	909	38	7 126	-342.2	1 049.6	1951	84 04 - GPP
274	6.70	0.220	0.25	0.91	35	887	42	7 237	-355.2	1 064.7	1965	89 11 - GPP
32	6.00	0.260	0.22	0.90	40	900	32	7 424	-362.1	1 066.8	1976	85 07 - ABAND 91 05
16	7.50	0.180	0.35	0.91	40	900	32	5 824	-358.9	1 067.3	1979	92 11 - ABAND 94 05
32	6.10	0.230	0.38	0.93	28	859	32	6 914	-390.3	1 095.5	1955	94 12 - GPP
32	3.60	0.200	0.50	0.93	40	836	44	7 599	-380.9	1 086.2	1955	94 05 - GPP
32	6.00	0.190	0.48	0.88	50	874	46	7 175	-387.6	1 094.9	1993	94 08 - GPP
394	4.53	0.090	0.37	0.92	27	870	42	7 833	-411.0	1 093.8	1949	94 12 - GPP
214	7.19	0.057	0.17	0.92	27	870	41	8 962	-443.6	1 148.7	1953	94 12 - GPP
64	10.00	0.070	0.50	0.90	42	870	40	7 841	-414.3	1 103.0	1996	96 09
405	13.74	0.063	0.15	0.93	33	898	47	9 092	-524.2	1 228.6	1953	94 12 - GPP
16	13.70	0.110	0.10	0.97	20	990	38	9 299	-538.1	1 198.7	1987	88 06 - GPP
64	2.40	0.130	0.40	0.87	42	890	70	8 816	-349.5	1 220.6	1976	82 09 - ABAND 88 07
16	3.00	0.120	0.50	0.83	62	854	43	7 941	-430.3	1 437.2	1987	96 06 - GPP
64	1.50	0.140	0.39	0.79	98	813	42	12 952	-684.3	1 777.8	1988	89 06 - GPP
36	3.03	0.180	0.48	0.79	98	813	42	12 666	-657.1	1 653.3	1992	95 05 - GPP
64	4.25	0.110	0.47	0.70	100	845	45	12 997	-691.4	1 789.2	1993	94 10 - GPP
64	1.54	0.160	0.26	0.79	98	813	42	12 968	-640.7	1 628.1	1994	96 12
16	8.90	0.120	0.38	0.80	94	834	46	12 546	-645.8	1 677.5	1995	96 08 - GPP
32	6.20	0.110	0.28	0.73	120	832	46	9 762	-657.9	1 690.5	1996	96 10 - GPP
16	2.94	0.140	0.57	0.83	68	867	42	14 923	-729.8	1 834.5	1987	97 12
16	0.90	0.130	0.37	0.86	64	851	41	14 078	-732.4	1 849.1	1988	96 06 - GPP
266	1.94	0.150	0.37	0.83	60	867	59	13 828	-716.5	1 759.2	1964	91 11 - GPP
16	3.00	0.170	0.50	0.83	83	838	45	14 690	-739.1	1 829.3	1988	96 06 - GPP
16	4.90	0.130	0.32	0.83	83	839	45	14 448	-751.2	1 744.3	1988	96 06 - GPP
64	1.52	0.200	0.15	0.80	80	834	54	14 792	-734.1	1 700.3	1970	96 06 - GPP
64	1.40	0.170	0.36	0.83	83	839	45	13 908	-726.9	1 776.5	1990	91 03 - GPP
16	4.80	0.160	0.34	0.83	83	839	45	14 756	-743.6	1 777.9	1990	97 09 - GPP
64	3.90	0.180	0.40	0.83	60	867	59	14 044	-707.1	1 735.2	1987	91 11 - GPP
64	1.00	0.120	0.41	0.83	66	852	45	14 733	-731.9	1 815.3	1993	94 05 - GPP
5	7.93	0.070	0.50	0.85	71	855	44	10 832	-499.0	1 422.2	1977	79 10 - ABAND 81 02
1 307	6.23	0.060	0.26	0.80	81	860	61	12 096	-782.3	1 701.1	1961	91 12 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 ENHANCED 10^3m^3	6 TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
FENN WEST 036-20W4 (CONTINUED)								
D-2 C	690.0	0.15		104.0		104.0	65.7	38.3
D-2 D	374.0	<0.10		34.0		34.0	34.0	
D-2 E	400.0	0.40		160.0		160.0	100.7	59.3
D-2 G	495.0	0.45		223.0		223.0	202.3	20.7
D-2 H	447.0	0.40		179.0		179.0	159.6	19.4
D-3 A	559.0	<0.08		41.3		41.3	41.3	
D-3 B	38.4	<0.13		4.8		4.8	4.8	
D-3 C	375.0	<0.30		110.0		110.0	110.0	
D-3 D	79.7	<0.01		0.1		0.1	0.1	
D-3 E	1 484.0	0.35		519.0		519.0	496.4	22.6
D-3 F	171.0	<0.11		18.7		18.7	18.7	
D-3 G	987.0	<0.02		13.9		13.9	13.9	
FIELD TOTAL	9 003.9			3 144.7		3 144.7	2 950.9	193.8
FENN-BIG VALLEY 035-20W4								
VIKING D	46.3	<0.02		0.8		0.8	0.8	
BLAIRMORE B	357.0	<0.01		2.3		2.3	2.3	
UPPER MANNVILLE A	356.0	0.05		17.8		17.8	7.9	9.9
UPPER MANNVILLE K	4 501.0	0.01		45.0		45.0	29.9	15.1
D-2 A TOTAL	80 000.0			49 470.0	302.0	49 770.0	48 769.4	1 000.6
PRIMARY AREA	74 200.0	0.63		46 750.0		46 750.0		
SOLVENT FLOOD AREA	5 803.0	<0.47	0.05	2 714.0	302.0	3 016.0		
D-2 B	99.5	<0.02		1.1		1.1	1.1	
D-2 C	374.0	0.25		93.5		93.5	91.2	2.3
D-2 D TOTAL	1 600.0			266.0	90.0	356.0	327.8	28.2
PRIMARY AREA	600.0	0.21		126.0		126.0		
WATER FLOOD AREA	1 000.0	0.14	0.09	140.0	90.0	230.0		
D-2 E	132.0	0.18		23.8		23.8	12.8	11.0
D-3 A	642.0	0.75		482.0		482.0	473.2	8.8
D-3 B	396.0	0.45		178.0		178.0	124.4	53.6
D-3 C	152.0	0.45		68.4		68.4	50.1	18.3
D-3 E	329.0	0.17		55.9		55.9	52.4	3.5
D-3 F	3 000.0	0.75		2 250.0		2 250.0	2 154.3	95.7
D-3 G	260.0	0.20		52.0		52.0	39.7	12.3
D-3 H	210.0	0.35		73.5		73.5	33.2	40.3
D-3 I	407.0	0.65		265.0		265.0	253.9	11.1
FIELD TOTAL	92 861.8			53 345.1	392.0	53 735.1	52 424.4	1 310.7
FERRIER 040-08W5								
BELLY RIVER A	4 885.0	<0.17		800.0		800.0	559.5	240.5
BELLY RIVER C	358.0	<0.06		20.6		20.6	20.6	
BELLY RIVER E	234.0	<0.01		0.5		0.5	0.5	
BELLY RIVER F	95.6	<0.01		0.7		0.7	0.7	
BELLY RIVER I	51.1	<0.01		0.1		0.1	0.1	
BELLY RIVER L	96.3	0.05		4.8		4.8	0.2	4.6
CARDIUM C	248.0	0.05		12.4		12.4	7.6	4.8
CARDIUM F	94.9	0.10		9.5		9.5	0.8	8.7
CARDIUM X	185.0	<0.01		0.4		0.4	0.4	
CARDIUM BB	140.0	<0.01		0.2		0.2	0.2	
CARDIUM GG	31.5	<0.01		0.1		0.1	0.1	
CARDIUM LL	167.0	0.05		8.4		8.4	7.1	1.3
CARDIUM VV	136.0	0.05		6.8		6.8	0.2	6.6
CARDIUM G & L TOTAL	93 710.0			4 206.0	7 993.0	12 200.0	9 661.2	2 538.8
PRIMARY AREA	27 100.0	0.03		813.0		813.0		
WATER FLOOD AREA	66 610.0	<0.06	0.12	3 393.0	7 993.0	11 390.0		
CARDIUM R & U	223.0	0.10		22.3		22.3	12.3	10.0
CARDIUM B,N & VIKING A	2 880.0	0.13		374.0		374.0	353.7	20.3
VIKING C	76.8	<0.13		9.5		9.5	9.5	
VIKING D	65.9	0.10		6.6		6.6	5.1	1.5
VIKING E	61.3	<0.05		3.0		3.0	3.0	
VIKING F	60.0	0.12		7.2		7.2	7.2	
VIKING G	400.0	0.10		40.0		40.0	34.4	5.6
VIKING H	25.4	<0.02		0.3		0.3	0.3	
ROCK CREEK B	107.0	<0.01		0.2		0.2	0.2	
ELKTON A	821.0	0.15		123.0		123.0	7.7	115.3
SHUNDA A	132.0	<0.01		0.4		0.4	0.4	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m^3/m^3	kg/m^3	°C	kPa	m MSL	m KB		
128	12.19	0.070	0.22	0.81	73	846	62	12 443	-829.6	1 729.4	1982	86 12 - GPP
64	12.90	0.070	0.21	0.82	70	847	63	12 515	-847.0	1 738.9	1982	94 11 - ABAND 93 11
85	12.40	0.058	0.22	0.84	73	865	62	12 572	-843.3	1 730.6	1983	84 08 - GPP
110	7.77	0.100	0.31	0.84	59	859	62	14 574	-912.3	1 825.1	1993	97 12 - GPP
182	4.93	0.069	0.14	0.84	55	839	70	14 610	-917.1	1 787.7	1960	97 09
64	15.50	0.080	0.20	0.88	35	849	55	12 672	-872.7	1 783.2	1982	96 06 - GPP
16	7.26	0.048	0.15	0.81	89	858	58	12 657	-862.1	1 754.6	1982	96 06 - GPP
14	40.88	0.091	0.10	0.80	67	860	61	13 121	-914.6	1 809.9	1982	94 05 - ABAND 93 10
64	5.00	0.040	0.25	0.83	67	893	60	10 178	-881.0	1 804.8	1982	83 03 - ABAND 83 08
56	55.13	0.069	0.14	0.81	76	848	65	13 184	-907.4	1 793.3	1983	93 12 - GPP
20	21.60	0.062	0.21	0.81	76	861	67	13 028	-907.2	1 801.8	1984	94 11 - ABAND 93 10
64	24.00	0.103	0.23	0.81	75	860	65	12 615	-895.5	1 783.8	1985	85 11 - ABAND 88 08
16	3.50	0.170	0.40	0.81	70	857	60	6 497	-344.6	1 195.6	1954	96 06 - GPP
64	5.10	0.200	0.25	0.73	90	846	47	9 003	-451.0	1 292.6	1952	84 12 - ABAND 90 09
64	4.00	0.230	0.28	0.84	53	890	39	8 094	-361.0	1 197.7	1984	96 12 - GPP
1 096	4.73	0.180	0.47	0.91	33	869	39	8 483	-361.2	1 194.6	1991	95 07 - GPP
5 995					77	865	58	12 881	-762.9	1 611.4	1950	97 03 - GPP
4 972	17.06	0.120	0.10	0.81								
1 023	9.93	0.082	0.14	0.81								
64	4.63	0.060	0.30	0.80	78	855	52	12 867	-778.9	1 652.9	1976	78 04 - ABAND 95 06
16	18.90	0.170	0.10	0.81	81	860	61	12 489	-752.2	1 605.9	1956	92 12 - GPP
280					63	876	62	12 442	-747.2	1 603.6	1951	97 12 - GPP
120	6.68	0.110	0.15	0.80								
160	8.36	0.110	0.15	0.80								
32	5.09	0.145	0.31	0.81	65	882	63	12 828	-755.8	1 599.8	1963	85 08 - GPP
369	4.42	0.060	0.20	0.82	76	849	58	12 883	-790.4	1 631.9	1950	86 12 - GPP
180	3.81	0.085	0.15	0.80	80	876	59	12 500	-779.8	1 630.8	1954	97 12 - GPP
140	2.44	0.067	0.18	0.81	73	892	60	12 510	-783.9	1 643.3	1952	97 12 - GPP
182	3.05	0.085	0.15	0.82	73	865	58	12 772	-781.4	1 626.0	1952	81 12 - GPP
626	6.64	0.100	0.12	0.82	73	898	61	12 749	-796.2	1 651.2	1954	84 11 - GPP
128	3.40	0.090	0.17	0.80	73	904	41	12 918	-783.7	1 620.0	1952	88 09 - GPP
80	3.10	0.120	0.12	0.80	85	856	57	11 909	-781.8	1 646.5	1983	97 12 - GPP
175	3.93	0.084	0.12	0.80	75	904	60	12 896	-797.6	1 653.7	1952	84 12 - GPP
1 777	4.60	0.120	0.40	0.83	62	820	59	9 016	-712.7	1 697.2	1966	88 07
65	7.32	0.130	0.30	0.83	66	829	54	8 488	-653.4	1 626.9	1974	96 06 - GPP
16	12.00	0.210	0.30	0.83	70	898	50	9 959	-740.1	1 715.5	1980	92 11 - GPP
64	3.00	0.120	0.50	0.83	54	830	57	9 053	-648.8	1 615.8	1982	83 04 - ABAND 94 07
64	1.64	0.100	0.42	0.84	54	818	57	9 391	-894.1	1 961.0	1988	92 06 - ABAND 90 12
32	7.00	0.100	0.50	0.86	121	782	54	9 913	-734.2	1 731.5	1980	96 01 - GPP
434	0.87	0.120	0.27	0.75	166	806	71	22 945	-1 203.0	2 200.1	1961	89 09 - GPP
65	1.52	0.140	0.12	0.78	133	834	52	21 216	-1 043.2	2 008.5	1955	88 07 - GPP
64	4.40	0.123	0.15	0.63	175	824	75	21 294	-1 203.5	2 204.6	1980	83 12
64	2.95	0.140	0.20	0.66	150	813	70	20 240	-1 232.6	2 303.7	1976	82 05 - ABAND 91 12
16	2.40	0.140	0.15	0.69	180	806	70	21 856	-1 174.6	2 199.3	1980	92 10 - ABAND 92 08
64	2.74	0.170	0.15	0.66	160	811	66	20 355	-1 188.7	2 205.5	1976	89 11 - GPP
64	4.00	0.110	0.30	0.69	154	833	76	17 692	-1 289.4	2 361.9	1995	96 10 - GPP
34 090					190	806	70	22 128	-1 199.0	2 242.8	1961	92 04 - GPP
13 912	2.91	0.125	0.15	0.63								
20 178	4.67	0.132	0.15	0.63								
64	6.98	0.093	0.20	0.67	218	824	71	23 168	-1 271.3	2 299.1	1976	93 01 - GPP
6 066	1.50	0.078	0.30	0.58	273	811	78	27 988	-1 385.0	2 413.1	1955	92 11 - GPP
64	2.50	0.100	0.20	0.60	190	825	73	26 251	-1 464.7	2 461.8	1979	91 09 - ABAND 90 02
64	3.00	0.075	0.25	0.61	217	823	81	26 175	-1 412.3	2 378.0	1982	89 12 - GPP
64	2.00	0.090	0.25	0.71	134	836	93	25 707	-1 497.7	2 502.3	1979	89 12 - ABAND 91 03
125	1.00	0.090	0.25	0.71	140	815	84	28 194	-1 459.2	2 483.7	1985	95 05 - ABAND 94 11
200	4.19	0.101	0.25	0.63	243	825	77	25 172	-1 400.9	2 381.9	1988	89 07 - GPP
64	0.80	0.100	0.30	0.71	134	837	93	24 800	-1 345.8	2 337.6	1989	95 12 - ABAND 95 09
64	3.50	0.085	0.24	0.74	120	828	70	22 208	-1 597.8	2 563.9	1982	83 04
64	18.10	0.120	0.18	0.72	126	851	96		-1 950.1	3 007.0	1997	97 10
65	5.18	0.083	0.25	0.63	195	815	81	22 580	-1 644.1	2 602.7	1965	67 04 - ABAND 67 11

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 INITIAL ESTABLISHED RESERVES ENHANCED 10^3m^3	6 INITIAL ESTABLISHED RESERVES TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
FERRIER 040-08W5 (CONTINUED)								
FIELD TOTAL	105 284.8			5 657.0	7 993.0	13 651.0	10 693.0	2 958.0
FERRYBANK 044-27W4								
BELLY RIVER I	396.0	0.03		11.9		11.9	4.4	7.5
BELLY RIVER C,G & H TOTAL	22 400.0			1 127.0	441.0	1 568.0	1 208.5	359.5
PRIMARY AREA	7 701.0	0.07		539.0		539.0		
WATER FLOOD AREA	14 700.0	0.04	0.03	588.0	441.0	1 029.0		
GLAUCONITIC C	396.0	<0.01		0.5		0.5	0.5	
LOWER MANNVILLE G	226.0	<0.02		4.2		4.2	4.2	
LOWER MANNVILLE I	155.0	<0.05		6.5		6.5	6.5	
LOWER MANNVILLE M	326.0	<0.01		1.4		1.4	1.4	
BANFF C	142.0	<0.01		1.0		1.0	1.0	
BANFF D	91.6	0.10		9.2		9.2	5.7	3.5
BANFF F	446.0	0.20		89.2		89.2	5.8	83.4
FIELD TOTAL	24 578.6			1 250.9	441.0	1 691.9	1 238.0	453.9
FIR 059-20W5								
CARDIUM A	135.0	0.10		13.5		13.5	8.7	4.8
CARDIUM B	94.6	0.10		9.5		9.5	7.0	2.5
CARDIUM D	127.0	0.13		16.5		16.5	14.6	1.9
CARDIUM E	84.9	0.10		8.5		8.5	1.5	7.0
CARDIUM F	5.5	<0.06		0.3		0.3	0.3	
SECOND WHITE SPECKS A	209.0	0.20		41.8		41.8	7.2	34.6
DUNVEGAN A	268.0	0.05		13.4		13.4	1.4	12.0
DUNVEGAN B	91.7	0.10		9.2		9.2	1.9	7.3
FIELD TOTAL	1 015.7			112.7		112.7	42.6	70.1
FIRE 113-07W6								
SULPHUR POINT C	441.0	0.20		88.2		88.2	39.7	48.5
MUSKEG A	69.5	<0.01		0.3		0.3	0.3	
KEG RIVER A	256.0	<0.05		11.7		11.7	11.7	
KEG RIVER B	134.0	<0.01		0.3		0.3	0.3	
KEG RIVER C	223.0	<0.10		20.7		20.7	20.7	
KEG RIVER D	150.0	0.15		22.5		22.5	6.1	16.4
KEG RIVER E	354.0	<0.12		41.2		41.2	41.2	
KEG RIVER F	72.2	<0.14		9.5		9.5	9.5	
KEG RIVER G	120.0	0.10		12.0		12.0	4.9	7.1
KEG RIVER H	90.1	<0.04		3.4		3.4	3.4	
KEG RIVER I	193.0	0.05		9.7		9.7	5.7	4.0
FIELD TOTAL	2 102.8			219.5		219.5	143.5	76.0
FLOOD 085-24W5								
MONTNEY A	269.0	0.05		13.4		13.4	1.0	12.4
FIELD TOTAL *	269.0			13.4		13.4	1.0	12.4
FOLEY LAKE 066-06W5								
VIKING A	197.0	0.05		9.9		9.9	5.5	4.4
FIELD TOTAL	197.0			9.9		9.9	5.5	4.4
FOX CREEK 062-18W5								
GETHING B	2 974.0	0.05		149.0		149.0	128.5	20.5
GETHING D & H	767.0	0.03		23.0		23.0	12.0	11.0
BEAVERHILL LAKE A WATER FLOOD	1 750.0	0.20	0.40	350.0	700.0	1 050.0	798.1	251.9
BEAVERHILL LAKE B	10.6	<0.08		0.8		0.8	0.8	
FIELD TOTAL	5 501.6			522.8	700.0	1 222.8	939.4	283.4
GADSBY 038-19W4								
MANNVILLE K	43.8	<0.01		0.2		0.2	0.2	
MANNVILLE L	61.4	<0.01		0.1		0.1	0.1	
MANNVILLE N	69.8	<0.01		0.1		0.1	0.1	
MANNVILLE O	68.8	<0.01		0.1		0.1	0.1	
MANNVILLE Q	849.0	0.18		153.0		153.0	47.0	106.0

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA ha	AVERAGE PAY THICKNESS m	POROSITY frac	WATER SATN frac	SHRINKAGE frac	INITIAL SOLUTION GOR m³/m³	DENSITY kg/m³	TEMP °C	INITIAL PRESSURE kPa	DATUM DEPTH m MSL	MEAN FORMATION DEPTH m KB	DISC YEAR	DATE LAST REVIEWED AND REMARKS
64	5.20	0.190	0.32	0.92	30	850	36	5 971	-80.0	940.2	1988	96 08 - GPP
5 721					28	850	38	6 045	-72.9	976.2	1970	94 12
2 137	4.40	0.180	0.50	0.91								
3 584	4.90	0.184	0.50	0.91								- GPP
64	5.30	0.180	0.19	0.80	88	860	30	13 173	-826.7	1 734.9	1984	85 11
64	4.00	0.160	0.31	0.80	82	860	60	10 488	-820.0	1 705.0	1978	79 10 - ABAND 88 08
53	2.50	0.190	0.23	0.80	76	894	57	12 605	-803.4	1 683.8	1981	96 06 - GPP
128	4.24	0.120	0.35	0.77	95	820	66	13 704	-848.3	1 741.8	1984	85 10
16	11.40	0.150	0.35	0.80	45	905	55	11 089	-795.8	1 725.0	1985	96 06 - GPP
32	6.31	0.090	0.37	0.80	55	905	64	11 096	-796.8	1 757.1	1985	91 12 - GPP
32	17.50	0.150	0.39	0.87	59	896	47	11 647	-759.1	1 617.0	1995	95 12
64	3.70	0.100	0.25	0.76	107	850	56	20 677	-741.6	1 854.7	1977	81 02 - GPP
64	2.60	0.110	0.32	0.76	105	836	60	20 863	-766.1	1 895.3	1980	86 01 - GPP
64	2.18	0.150	0.20	0.76	170	841	72	20 679	-771.4	1 735.5	1989	97 12 - GPP
32	4.24	0.140	0.48	0.86	72	830	56	19 461	-635.9	1 577.4	1992	94 01 - GPP
16	0.60	0.100	0.24	0.76	90	810	62	17 061	-735.6	1 868.0	1994	96 06 - GPP
64	8.00	0.080	0.25	0.68	141	812	69	21 609	-885.4	1 988.0	1996	97 01
64	7.79	0.120	0.44	0.80	66	831	80	17 636	-1 035.2	2 152.1	1993	95 02 - GPP
16	9.00	0.130	0.31	0.71	120	820	76	17 440	-1 005.8	2 068.5	1993	95 01 - GPP
64	11.30	0.090	0.12	0.77	90	843	72	14 222	-1 125.4	1 457.3	1969	92 07 - GPP
16	13.40	0.060	0.26	0.73	105	869	87	15 482	-1 191.3	1 528.4	1966	96 06
22	61.70	0.035	0.30	0.77	95	844	77	15 514	-1 214.8	1 546.7	1969	94 11 - ABAND 91 02
20	36.58	0.034	0.30	0.77	95	849	77	15 490	-1 207.0	1 539.5	1970	71 12 - ABAND 71 10
17	53.16	0.040	0.20	0.77	95	844	77	15 773	-1 201.3	1 533.8	1969	96 06 - ABAND 97 02
20	48.34	0.031	0.35	0.77	86	875	68	15 259	-1 191.4	1 524.3	1986	96 08 - GPP
16	83.90	0.045	0.24	0.77	95	857	77	15 638	-1 247.9	1 583.0	1987	97 12 - ABAND 96 04
16	43.94	0.020	0.35	0.79	74	844	74	15 603	-1 201.1	1 534.0	1986	96 04 - ABAND 94 03
22	29.90	0.034	0.27	0.73	115	851	67	15 406	-1 172.6	1 518.2	1970	96 12 - GPP
16	32.50	0.030	0.25	0.77	99	843	77	14 869	-1 192.0	1 524.8	1987	96 04 - ABAND 94 03
16	69.50	0.030	0.25	0.77	95	843	77	15 309	-1 222.8	1 555.3	1995	96 09 - GPP
64	4.50	0.200	0.47	0.88	66	873	29	5 957	-153.1	830.0	1993	94 02 - GPP
64	3.05	0.170	0.30	0.85	58	880	32	6 984	-104.7	889.0	1973	92 06 - GPP
745	5.11	0.150	0.38	0.84	64	882	59	14 684	-1 031.5	1 919.0	1977	89 10
192	4.78	0.180	0.42	0.80	76	893	61	14 640	-1 026.2	1 907.9	1959	96 08 - GPP
1 162	5.74	0.082	0.20	0.40	530	795	110	29 205	-2 195.6	3 083.8	1975	96 09 - GPP
16	4.11	0.056	0.24	0.38	508	801	110	28 980	-2 198.7	3 088.1	1976	96 06
16	2.50	0.190	0.28	0.80	53	880	49	9 272	-454.7	1 287.6	1992	96 06
16	4.01	0.170	0.33	0.84	64	852	48	9 287	-452.5	1 289.5	1992	96 06 - GPP
8	6.70	0.210	0.27	0.85	64	852	48	9 696	-430.5	1 271.7	1992	96 06 - GPP
32	2.00	0.190	0.31	0.82	67	847	48	9 923	-461.2	1 286.9	1993	94 05 - ABAND 93 08
127	5.89	0.200	0.34	0.86	51	855	48	10 083	-435.5	1 267.8	1993	96 03

TABLE 2-6

FIELD POOL	1	2	3	4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
GADSBY 038-19W4 (CONTINUED)								
MANNVILLE Z	536.0	0.15		80.4		80.4	21.7	58.7
MANNVILLE AA	707.0	0.05		35.4		35.4	5.5	29.9
FIELD TOTAL	2 335.8			269.3		269.3	74.7	194.6
GALAHAD 041-15W4								
ELLERSLIE A	158.0	<0.06		8.7		8.7	7.6	1.1
ELLERSLIE E	188.0	<0.03		4.9		4.9	4.9	
ELLERSLIE F	185.0	<0.11		18.8		18.8	18.8	
ELLERSLIE G	61.3	<0.09		5.3		5.3	5.3	
ELLERSLIE H	49.8	<0.08		3.9		3.9	3.9	
ELLERSLIE I	55.6	<0.01		0.2		0.2	0.2	
ELLERSLIE J	41.2	<0.02		0.8		0.8	0.8	
ELLERSLIE K	56.7	<0.01		0.5		0.5	0.5	
ELLERSLIE L	114.0	0.10		11.4		11.4	0.8	10.6
CAMROSE A	252.0	0.15		37.8		37.8	26.1	11.7
FIELD TOTAL *	1 161.6			92.3		92.3	68.9	23.4
GARDEN PLAINS 032-13W4								
UPPER MANNVILLE C	130.0	<0.02		1.5		1.5	1.5	
UPPER MANNVILLE H	123.0	<0.01		0.2		0.2	0.2	
UPPER MANNVILLE K	247.0	0.04		9.9		9.9	7.0	2.9
LOWER MANNVILLE C	51.9	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE J	78.8	<0.03		1.7		1.7	1.7	
FIELD TOTAL	630.7			13.4		13.4	10.5	2.9
GARRINGTON 034-04W5								
CARDIUM F	141.0	<0.01		0.1		0.1	0.1	
CARDIUM G	56.9	0.10		5.7		5.7	2.3	3.4
CARDIUM I	729.0	0.05		36.5		36.5	16.3	20.2
CARDIUM M	1 388.0	0.10		139.0		139.0	103.6	35.4
CARDIUM N	530.0	0.17		90.1		90.1	60.7	29.4
CARDIUM O	133.0	0.05		6.7		6.7	3.4	3.3
CARDIUM P	272.0	0.05		13.6		13.6	2.5	11.1
CARDIUM Q	104.0	0.20		20.8		20.8	19.4	1.4
CARDIUM R	43.2	<0.01		0.1		0.1	0.1	
CARDIUM T	117.0	0.05		5.9		5.9	1.0	4.9
CARDIUM V	100.0	0.10		10.0		10.0	1.9	8.1
CARDIUM A & B TOTAL	31 620.0			1 580.0	1 820.0	3 400.0	3 199.0	201.0
PRIMARY AREA	11 400.0	0.05		570.0		570.0		
WATER FLOOD AREA	20 220.0	0.05	0.09	1 010.0	1 820.0	2 830.0		
SECOND WHITE SPECKS A	87.5	<0.03		2.1		2.1	2.1	
SECOND WHITE SPECKS B	163.0	0.15		24.5		24.5	20.5	4.0
SECOND WHITE SPECKS C	106.0	<0.02		1.3		1.3	1.3	
SECOND WHITE SPECKS D	94.2	<0.01		0.1		0.1	0.1	
SECOND WHITE SPECKS E	139.0	0.10		13.9		13.9	5.1	8.8
SECOND WHITE SPECKS F	81.9	0.20		16.4		16.4	11.5	4.9
SECOND WHITE SPECKS G	316.0	0.06		19.0		19.0	13.2	5.8
SECOND WHITE SPECKS H	115.0	0.10		11.5		11.5	4.6	6.9
SECOND WHITE SPECKS I	73.7	0.05		3.7		3.7	0.3	3.4
VIKING A	10 870.0	0.08		870.0		870.0	830.2	39.8
VIKING C	132.0	<0.03		2.7		2.7	2.7	
VIKING F	304.0	0.10		30.4		30.4	27.0	3.4
VIKING J	72.4	0.20		14.5		14.5	7.8	6.7
VIKING K	194.0	0.20		38.8		38.8	37.4	1.4
VIKING L	197.0	0.03		5.9		5.9	5.0	0.9
VIKING N	331.0	0.10		33.1		33.1	21.1	12.0
VIKING P	103.0	0.15		15.5		15.5	8.0	7.5
VIKING Q	1 789.0	0.12		215.0		215.0	121.4	93.6

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
120	3.50	0.190	0.21	0.85	64	852	48	9 841	-464.7	1 296.8	1995	96 03
32	18.09	0.200	0.29	0.86	51	855	48	9 789	-424.5	1 258.1	1993	96 03 - GPP
32	3.23	0.240	0.25	0.85	60	887	40	7 799	-329.6	1 056.3	1983	97 12 - GPP
64	2.80	0.190	0.40	0.92	18	886	29	7 371	-338.6	1 097.9	1988	93 08 - ABAND 93 02
28	4.39	0.220	0.28	0.95	16	908	34	7 086	-316.7	1 036.3	1989	96 06 - GPP
32	1.80	0.180	0.35	0.91	37	899	35	7 355	-315.4	1 034.2	1990	96 06 - GPP
16	2.10	0.260	0.38	0.92	48	897	37	7 157	-339.0	1 097.3	1992	96 06 - GPP
16	3.50	0.190	0.45	0.95	16	908	34	7 557	-332.5	1 091.0	1992	96 06
16	1.90	0.220	0.33	0.92	48	897	37	7 331	-306.5	1 028.2	1992	96 06 - GPP
16	3.20	0.190	0.36	0.91	37	899	35	6 920	-318.4	1 043.0	1993	96 06 - GPP
16	4.00	0.250	0.25	0.95	16	908	34	7 095	-328.3	1 031.0	1994	95 06 - GPP
64	4.75	0.140	0.26	0.80	80	929	51	8 758	-447.8	1 170.6	1983	89 05 - GPP
16	8.00	0.230	0.48	0.85	64	845	38	9 288	-300.0	1 122.7	1988	96 06
64	2.80	0.180	0.55	0.85	56	862	38	8 518	-278.3	1 066.6	1982	88 12 - ABAND 87 08
64	3.50	0.200	0.40	0.92	31	867	34	11 079	-282.3	1 067.3	1981	97 12 - GPP
64	0.80	0.180	0.36	0.88	52	863	42	8 698	-319.3	1 128.9	1987	90 11 - ABAND 88 04
32	2.00	0.200	0.30	0.88	52	863	42	8 444	-301.1	1 156.3	1993	94 11 - ABAND 94 08
64	2.70	0.120	0.15	0.80	68	820	75	22 344	-873.1	1 852.9	1981	82 05 - ABAND 82 03
32	3.00	0.100	0.25	0.79	90	820	60	23 095	-852.1	1 846.9	1981	96 06 - GPP
786	1.57	0.090	0.18	0.80	89	823	59	23 094	-853.7	1 842.3	1982	97 01 - GPP
1 444	1.68	0.110	0.35	0.80	48	843	67	17 703	-865.1	1 876.5	1960	88 12 - GPP
550	1.48	0.110	0.26	0.80	96	843	68	22 314	-868.7	1 887.3	1976	97 01 - GPP
64	3.10	0.100	0.15	0.79	88	819	60	20 117	-883.8	1 946.0	1984	89 12 - GPP
128	4.30	0.120	0.45	0.75	96	845	68	11 193	-968.1	2 027.0	1985	89 12 - GPP
104	1.46	0.104	0.13	0.76	108	840	64	24 332	-1 154.9	2 185.4	1962	88 12 - GPP
64	1.20	0.100	0.25	0.75	106	825	63	22 598	-910.3	1 908.4	1983	92 10 - ABAND 93 07
64	2.60	0.110	0.20	0.80	85	817	59	18 780	-831.7	1 810.5	1980	88 06 - GPP
64	2.30	0.100	0.15	0.80	85	817	59	23 921	-1 132.8	2 197.6	1985	92 04 - GPP
15 434					109	829	64	23 313	-950.2	1 999.0	1954	92 12 - GPP
5 521	3.24	0.100	0.15	0.75								
9 913	3.20	0.100	0.15	0.75								
64	3.20	0.090	0.35	0.73	115	823	64	17 414	-1 196.4	2 314.1	1981	89 12 - ABAND 89 12
64	8.70	0.050	0.20	0.73	110	815	70	24 791	-1 148.0	2 202.7	1984	88 12 - GPP
16	13.00	0.100	0.30	0.73	110	819	67	23 173	-1 102.9	2 105.5	1984	88 06 - ABAND 88 03
64	8.40	0.030	0.20	0.73	115	815	53	23 910	-1 130.8	2 137.4	1985	86 03 - ABAND 88 03
64	8.50	0.050	0.20	0.64	177	823	84	23 390	-1 249.3	2 301.8	1985	86 10 - GPP
64	5.00	0.050	0.20	0.64	177	816	84	20 719	-1 203.1	2 234.3	1984	94 12 - GPP
64	6.50	0.130	0.20	0.73	120	789	73	25 521	-1 226.0	2 264.3	1984	96 08 - GPP
64	7.00	0.050	0.20	0.64	177	791	84	20 516	-1 161.6	2 229.3	1987	88 09 - GPP
64	4.50	0.050	0.20	0.64	187	834	69	22 748	-1 015.8	2 011.1	1983	91 03 - GPP
8 324	2.40	0.100	0.36	0.85	57	841	64	9 183	-1 127.2	2 116.2	1977	97 01 - GPP
64	3.60	0.105	0.35	0.84	51	841	71	10 149	-1 286.0	2 382.2	1982	92 03 - ABAND 91 06
65	6.71	0.120	0.30	0.83	128	820	53	8 841	-987.5	2 002.5	1963	73 12 - GPP
116	1.87	0.053	0.25	0.84	51	842	71	9 176	-1 114.5	2 088.1	1983	87 12 - GPP
128	2.95	0.090	0.32	0.84	51	840	71	17 324	-1 252.0	2 262.8	1979	88 07 - GPP
64	7.35	0.087	0.35	0.74	110	832	71	8 211	-1 017.3	2 001.2	1981	86 12 - GPP
128	4.00	0.110	0.30	0.84	68	835	75	17 870	-1 318.7	2 352.5	1984	88 06 - GPP
64	3.20	0.100	0.28	0.70	142	829	74	20 781	-1 373.2	2 396.9	1979	90 11 - GPP
944	4.36	0.090	0.31	0.70	110	842	77	21 267	-1 457.2	2 522.6	1984	95 03

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
GARRINGTON 034-04W5 (CONTINUED)								
VIKING S	58.1	<0.01		0.5		0.5	0.5	
VIKING Y	17.7	<0.02		0.2		0.2	0.2	
VIKING Z	128.0	0.08		10.2		10.2	2.4	7.8
VIKING G & LOWER MANNVILLE RRR	316.0	0.03		9.5		9.5	7.4	2.1
VIKING CC & MANNVILLE B	9 718.0	<0.08		740.0		740.0	724.1	15.9
MANNVILLE D	3 400.0	0.07		238.0		238.0	226.4	11.6
MANNVILLE I	801.0	0.25		200.0		200.0	150.8	49.2
MANNVILLE L	15.5	<0.06		0.9		0.9	0.9	
MANNVILLE M	212.0	0.07		14.8		14.8	13.0	1.8
MANNVILLE O	221.0	<0.01		0.4		0.4	0.4	
MANNVILLE R & LOWER MANNVILLE ZZ	116.0	0.10		11.6		11.6	3.5	8.1
LOWER MANNVILLE A	83.3	<0.02		1.4		1.4	1.4	
LOWER MANNVILLE B	18.9	<0.06		1.1		1.1	1.1	
LOWER MANNVILLE D	83.6	<0.05		4.0		4.0	4.0	
LOWER MANNVILLE E	403.0	0.03		12.1		12.1	5.2	6.9
LOWER MANNVILLE I	257.0	<0.01		0.7		0.7	0.7	
LOWER MANNVILLE J	64.8	<0.09		5.5		5.5	5.5	
LOWER MANNVILLE P	63.0	<0.08		4.6		4.6	4.6	
LOWER MANNVILLE S	163.0	<0.01		0.9		0.9	0.9	
LOWER MANNVILLE T	160.0	0.10		16.0		16.0	1.5	14.5
LOWER MANNVILLE U	69.6	<0.01		0.3		0.3	0.3	
LOWER MANNVILLE Y	128.0	<0.02		2.1		2.1	2.1	
LOWER MANNVILLE Z	111.0	<0.04		3.7		3.7	3.7	
LOWER MANNVILLE KK	105.0	<0.02		1.6		1.6	1.6	
LOWER MANNVILLE NN	28.7	0.05		1.4		1.4	0.8	0.6
LOWER MANNVILLE OO	47.8	0.05		2.4		2.4	0.6	1.8
LOWER MANNVILLE PP	71.7	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE UU	149.0	0.05		7.5		7.5	0.7	6.8
LOWER MANNVILLE VV	149.0	0.05		7.5		7.5	0.9	6.6
LOWER MANNVILLE WW	83.3	0.05		4.2		4.2	0.9	3.3
LOWER MANNVILLE XX	42.9	0.05		2.2		2.2	0.7	1.5
LOWER MANNVILLE N & O	450.0	0.10		45.0		45.0	31.9	13.1
LOWER MANNVILLE CC, DD & EE	240.0	0.05		12.0		12.0	6.1	5.9
LOWER MANNVILLE GG, HH & II	439.0	0.05		22.0		22.0	16.1	5.9
LOWER MANNVILLE Q, CCC & NNN	752.0	0.03		22.5		22.5	12.6	9.9
LOWER MANNVILLE AAA	47.3	0.07		3.3		3.3	3.2	0.1
LOWER MANNVILLE BBB	104.0	0.05		5.2		5.2	1.1	4.1
LOWER MANNVILLE DDD	36.2	0.10		3.6		3.6	1.0	2.6
LOWER MANNVILLE EEE	59.5	0.10		6.0		6.0	1.1	4.9
LOWER MANNVILLE FFF	100.0	0.10		10.0		10.0	1.7	8.3
LOWER MANNVILLE GGG	36.6	0.10		3.7		3.7	0.6	3.1
LOWER MANNVILLE JJJ	76.2	0.10		7.6		7.6	2.6	5.0
LOWER MANNVILLE SSS	39.8	0.05		2.0		2.0	0.8	1.2
LOWER MANNVILLE UUU	167.0	<0.01		1.2		1.2	1.2	
LOWER MANNVILLE VVV	94.0	0.10		9.4		9.4	1.4	8.0
LMNV YYY,ZZZ & ROCK CREEK B	240.0	0.03		7.2		7.2	4.0	3.2
ROCK CREEK C	147.0	<0.01		0.1		0.1	0.1	
ROCK CREEK D	34.0	0.15		5.1		5.1	1.9	3.2
ELKTON H	133.0	0.15		20.0		20.0	11.9	8.1
ELKTON-SHUNDA A	52.5	<0.02		0.7		0.7	0.7	
WABAMUN A	6 502.0	0.21		1 365.0		1 365.0	1 284.2	80.8
NISKU A	211.0	<0.04		7.9		7.9	7.9	
LEDUC D	190.0	0.15		28.5		28.5	26.0	2.5
LEDUC G	1 067.0	0.25		267.0		267.0	6.6	260.4
FIELD TOTAL	78 906.8			6 387.3	1 820.0	8 207.3	7 121.2	1 086.1
GARTLEY 031-18W4								
OSTRACOD A & BASAL QUARTZ B	43.0	<0.07		2.7		2.7	2.7	
FIELD TOTAL	43.0			2.7		2.7	2.7	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
64	1.50	0.120	0.40	0.84	68	835	75	18 120	-1 352.3	2 389.0	1985	86 10 - ABAND 87 10
16	2.10	0.088	0.25	0.80	71	839	71	11 199	-1 167.7	2 202.5	1975	96 06 - GPP
64	5.10	0.080	0.30	0.70	142	829	74	16 024	-1 391.4	2 469.6	1992	96 08 - GPP
64	6.60	0.120	0.24	0.82	51	842	71	23 677	-1 088.5	2 117.0	1983	93 08 - GPP
5 433	4.11	0.128	0.15	0.40	385	797	68	32 119	-1 357.9	2 414.5	1963	97 12 - GPP
2 560	2.51	0.106	0.22	0.64	85	874	60	27 697	-1 483.7	2 564.9	1975	87 05 - GPP
200	4.60	0.160	0.15	0.64	181	864	81	29 299	-1 554.1	2 614.0	1982	92 12
64	0.40	0.110	0.14	0.64	250	821	97	27 868	-1 528.8	2 565.4	1984	96 06 - GPP
128	3.10	0.110	0.24	0.64	181	874	81	27 132	-1 464.3	2 517.0	1984	93 12
16	22.10	0.110	0.20	0.71	126	807	79	27 220	-1 443.5	2 467.6	1985	92 11 - ABAND 91 10
64	3.30	0.100	0.19	0.68	152	843	82	21 164	-1 495.3	2 509.8	1979	96 08 - GPP
65	2.74	0.110	0.15	0.50	301	829	64	23 139	-1 476.6	2 512.3	1974	75 11 - ABAND 75 06
32	1.85	0.080	0.20	0.50	301	825	64	28 503	-1 409.7	2 464.3	1974	96 06 - GPP
64	2.16	0.090	0.16	0.80	106	839	71	28 556	-1 374.3	2 441.7	1977	84 07 - ABAND 83 12
64	10.00	0.120	0.30	0.75	96	845	86	25 680	-1 602.2	2 639.0	1979	82 12 - GPP
64	6.50	0.110	0.25	0.75	110	855	63	21 548	-1 489.7	2 553.1	1981	84 12 - ABAND 82 10
32	1.50	0.200	0.10	0.75	100	821	83	24 809	-1 588.1	2 642.9	1982	96 06 - GPP
64	1.25	0.140	0.25	0.75	120	841	64	18 919	-1 382.3	2 440.8	1982	96 01 - ABAND 95 09
64	3.90	0.120	0.20	0.68	152	843	82	38 128	-1 373.3	2 386.1	1982	83 04
64	3.50	0.130	0.19	0.68	152	843	82	27 131	-1 511.1	2 596.8	1982	83 07 - GPP
64	2.50	0.080	0.20	0.68	152	843	82	26 426	-1 523.9	2 553.8	1983	84 07 - ABAND 83 11
64	3.30	0.095	0.15	0.75	152	841	82	23 308	-1 646.9	2 716.8	1984	88 12
16	10.20	0.120	0.21	0.72	152	841	82	23 166	-1 627.9	2 712.9	1984	84 12 - ABAND 88 08
64	2.80	0.100	0.25	0.78	113	871	84	15 372	-1 551.0	2 561.5	1980	95 09 - ABAND 95 06
64	0.60	0.120	0.17	0.75	191	807	88	31 010	-1 351.8	2 361.9	1974	87 01 - GPP
64	1.00	0.120	0.17	0.75	191	807	88	28 068	-1 365.7	2 375.8	1974	87 01 - GPP
64	1.50	0.120	0.17	0.75	191	807	88	28 151	-1 377.9	2 388.0	1974	87 01 - ABAND 87 03
128	1.81	0.110	0.22	0.75	152	829	82	25 810	-1 426.6	2 492.9	1974	88 06 - GPP
128	1.54	0.110	0.13	0.79	152	829	82	25 964	-1 445.2	2 511.6	1974	88 06 - GPP
128	1.39	0.080	0.22	0.75	152	829	82	26 071	-1 458.2	2 524.6	1974	88 06 - GPP
64	1.30	0.080	0.14	0.75	152	829	82	26 348	-1 492.4	2 565.9	1974	87 04 - GPP
428	1.34	0.126	0.17	0.75	158	845	82	28 268	-1 514.0	2 564.0	1981	85 07 - GPP
64	4.88	0.120	0.20	0.80	152	843	82	26 325	-1 554.8	2 586.0	1984	96 08 - GPP
128	5.23	0.120	0.22	0.70	145	812	85	31 026	-1 510.7	2 551.6	1985	96 08 - GPP
320	3.80	0.110	0.24	0.74	152	843	82	28 245	-1 512.4	2 601.8	1982	91 02 - GPP
64	1.50	0.090	0.27	0.75	92	812	79	22 773	-1 417.8	2 461.1	1973	90 12 - GPP
64	2.40	0.110	0.18	0.75	92	812	79	28 475	-1 405.5	2 448.8	1973	87 12 - GPP
64	1.20	0.090	0.23	0.68	152	842	36	29 732	-1 505.8	2 511.0	1973	88 07 - GPP
64	1.80	0.100	0.24	0.68	152	842	36	29 398	-1 496.0	2 501.2	1973	88 07 - GPP
64	2.80	0.110	0.25	0.68	152	842	36	29 462	-1 464.9	2 470.1	1973	88 07 - GPP
64	1.50	0.080	0.30	0.68	152	843	82	29 642	-1 531.3	2 600.0	1982	89 01
16	7.30	0.120	0.20	0.68	152	843	82	30 287	-1 486.8	2 578.6	1975	93 12 - GPP
32	4.50	0.050	0.21	0.70	310	753	98	22 515	-1 407.8	2 394.8	1983	93 03 - GPP
64	6.18	0.065	0.07	0.70	142	858	81	17 277	-1 504.9	2 568.5	1979	88 08 - ABAND 93 06
64	2.70	0.100	0.20	0.68	152	843	82	23 044	-1 462.6	2 520.3	1974	95 07
64	5.40	0.140	0.34	0.75	98	853	70	21 943	-1 562.3	2 602.5	1987	97 09
32	5.00	0.140	0.18	0.80	65	819	82	21 747	-1 389.5	2 415.5	1988	91 10 - ABAND 90 03
20	3.50	0.110	0.30	0.63	190	800	81		-1 383.0	2 365.4	1989	97 08 - GPP
64	2.50	0.140	0.15	0.70	148	857	85	19 158	-1 517.6	2 522.6	1988	97 12
64	2.00	0.072	0.15	0.67	140	845	82	21 456	-1 401.9	2 402.0	1979	83 12 - ABAND 84 08
2 816	9.94	0.061	0.32	0.56	271	834	84	24 779	-1 704.6	2 729.9	1952	97 09 - GPP
64	8.62	0.060	0.15	0.75	95	810	85	24 623	-1 917.0	2 903.1	1986	96 11 - ABAND 96 07
32	18.10	0.069	0.15	0.56	255	805	93	19 411	-2 038.6	3 007.0	1985	94 12
128	23.30	0.080	0.14	0.52	300	806	92		-2 401.0	3 417.4	1996	97 10
16	4.20	0.150	0.51	0.87	51	853	42	9 661	-437.0	1 309.6	1989	96 06 - GPP

TABLE 2-6

	1	2	3	4	5	6	7	8
		RECOVERY		INITIAL ESTABLISHED RESERVES				
FIELD POOL	INITIAL VOLUME IN PLACE 10^3m^3	PRIMARY frac	ENHANCED frac	PRIMARY 10^3m^3	ENHANCED 10^3m^3	TOTAL 10^3m^3	CUMULATIVE PRODUCTION 10^3m^3	REMAINING ESTABLISHED RESERVES 10^3m^3
GENESEE 050-03W5								
ELLERSLIE A	26.6	<0.01		0.1		0.1	0.1	
ELLERSLIE B	86.3	0.09		7.8		7.8	7.8	
FIELD TOTAL	112.9			7.9		7.9	7.9	
GEORGE 082-05W6								
KISKATINAW E	31.9	<0.03		0.9		0.9	0.9	
KISKATINAW F	681.0	0.15		102.0		102.0	19.9	82.1
KISKATINAW G	62.2	0.10		6.2		6.2	1.5	4.7
DEBOLT B	126.0	<0.03		3.4		3.4	3.4	
FIELD TOTAL	901.1			112.5		112.5	25.7	86.8
GHOST PINE 031-22W4								
UPPER MANNVILLE V	1 006.0	<0.02		16.0		16.0	16.0	
UPPER MANNVILLE W	200.0	<0.01		0.2		0.2	0.2	
UPPER MANNVILLE HH	279.0	<0.07		17.8		17.8	17.8	
UPPER MANNVILLE LL	419.0	0.10		41.9		41.9	12.4	29.5
UPPER MANNVILLE NN	116.0	<0.01		0.6		0.6	0.6	
UPPER MANNVILLE RR	99.8	0.15		15.0		15.0	13.1	1.9
UPPER MANNVILLE YY	640.0	0.03		19.2		19.2	10.8	8.4
UPPER MANN Q,Y & FF	249.0	0.10		24.9		24.9	18.5	6.4
UPPER & LOWER MANNVILLE MU #1	564.0	0.08		45.1		45.1	44.1	1.0
UPPER MANNVILLE EEE	701.0	0.20		140.0		140.0	115.1	24.9
UPPER MANNVILLE HHH	64.6	<0.01		0.5		0.5	0.5	
UPPER MANNVILLE LLL	1 190.0	0.13		155.0		155.0	123.7	31.3
UPPER MANNVILLE OOO	136.0	0.10		13.6		13.6	1.5	12.1
UPPER MANNVILLE E2E	32.3	<0.07		2.2		2.2	2.2	
UPPER MANNVILLE W2W	162.0	0.05		8.1		8.1	5.5	2.6
UPPER MANNVILLE FFF & KKK	89.9	<0.07		5.7		5.7	5.7	
UPPER MANNVILLE A3A	128.0	0.10		12.8		12.8	6.7	6.1
UPPER MANNVILLE D3D	58.0	<0.02		0.9		0.9	0.9	
UPPER MANNVILLE Y3Y	200.0	0.15		30.0		30.0	15.3	14.7
UPPER MANNVILLE Z3Z	47.2	0.15		7.1		7.1	0.4	6.7
UPPER MANNVILLE H4H	109.0	0.05		5.5		5.5	2.0	3.5
UPPER MANNVILLE I4I	73.4	0.15		11.0		11.0	3.6	7.4
LOWER MANNVILLE B	424.0	0.08		33.9		33.9	31.6	2.3
LOWER MANNVILLE E	115.0	0.15		17.3		17.3	16.4	0.9
LOWER MANNVILLE J	159.0	<0.06		8.4		8.4	8.4	
LOWER MANNVILLE K	110.0	<0.07		7.2		7.2	7.2	
LOWER MANNVILLE L	1 067.0	0.15		160.0		160.0	131.3	28.7
LOWER MANNVILLE N	88.7	<0.12		10.1		10.1	10.1	
LOWER MANNVILLE Q	49.6	<0.03		1.4		1.4	1.4	
LOWER MANNVILLE U	32.6	<0.03		0.8		0.8	0.8	
LOWER MANNVILLE V	18.3	<0.03		0.4		0.4	0.4	
LOWER MANNVILLE KK	97.4	0.10		9.7		9.7	6.7	3.0
LOWER MANNVILLE LL	14.2	<0.09		1.2		1.2	1.2	
PEKISKO F	110.0	0.13		14.3		14.3	13.9	0.4
PEKISKO K	305.0	<0.02		3.5		3.5	3.5	
PEKISKO N	202.0	<0.03		4.4		4.4	4.4	
PEKISKO P	38.7	<0.08		3.0		3.0	3.0	
FIELD TOTAL	9 395.7			848.7		848.7	656.9	191.8
GIFT 079-11W5								
SLAVE POINT A TOTAL	8 298.0			1 071.0	1 179.0	2 250.0	1 285.6	964.4
PRIMARY AREA	3 019.0	0.18		543.0		543.0		
WATER FLOOD AREA	5 279.0	0.10	0.23	528.0	1 179.0	1 707.0		
SLAVE POINT C	2 220.0	0.10		222.0		222.0	134.3	87.7
SLAVE POINT D	181.0	0.05		9.1		9.1	7.5	1.6
SLAVE POINT E	469.0	0.03		14.1		14.1	7.1	7.0
SLAVE POINT G	39.9	<0.07		2.6		2.6	2.6	
SLAVE POINT H	118.0	0.20		23.6		23.6	19.6	4.0
SLAVE POINT I	292.0	<0.01		0.1		0.1	0.1	
SLAVE POINT J	376.0	0.15		56.4		56.4	34.1	22.3
SLAVE POINT K	202.0	0.15		30.3		30.3	19.8	10.5
SLAVE POINT L	79.7	<0.01		0.2		0.2	0.2	
GILWOOD A	134.0	<0.03		3.4		3.4	3.4	
GILWOOD D	276.0	0.15		41.4		41.4	36.5	4.9
GILWOOD E	954.0	0.14		134.0		134.0	116.8	17.2

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
64	0.80	0.100	0.35	0.80	85	850	45	16 767	-797.3	1 538.1	1983	88 12 - ABAND 92 06
64	2.40	0.120	0.35	0.72	135	901	55	16 579	-798.2	1 563.4	1981	91 10 - ABAND 90 06
16	3.00	0.160	0.48	0.80	82	877	53	14 516	-909.8	1 552.5	1990	96 06 - GPP
180	3.00	0.190	0.17	0.80	90	800	42	14 314	-858.8	1 480.3	1994	97 04
64	2.50	0.090	0.46	0.80	81	880	47	14 168	-839.8	1 463.5	1994	95 07 - GPP
64	4.00	0.090	0.30	0.78	99	829	52	15 710	-902.7	1 524.5	1976	95 01 - ABAND 94 10
227	3.94	0.210	0.37	0.85	67	855	58	10 129	-619.4	1 490.6	1954	79 03 - GPP
65	3.29	0.146	0.25	0.86	61	870	41	10 450	-588.8	1 396.8	1965	66 05
64	6.40	0.140	0.40	0.81	80	876	53	10 556	-652.2	1 498.0	1967	96 06 - GPP
290	1.50	0.180	0.37	0.85	55	820	66	10 240	-553.2	1 362.2	1973	95 09 - GPP
64	1.83	0.170	0.32	0.85	64	855	43	10 334	-569.9	1 391.0	1974	79 06 - ABAND 88 06
32	2.58	0.180	0.21	0.85	58	874	58	9 721	-630.8	1 486.3	1980	95 02 - GPP
192	5.65	0.110	0.33	0.80	76	862	57	10 356	-659.1	1 500.5	1983	96 08 - GPP
65	3.96	0.200	0.40	0.81	80	876	53	10 689	-648.6	1 488.5	1961	68 12 - GPP
257	2.79	0.180	0.48	0.84	71	865	49	10 699	-620.4	1 443.7	1965	90 12 - GPP
342	1.81	0.180	0.26	0.85	120	875	52	10 405	-631.8	1 489.9	1985	95 01 - GPP
64	1.20	0.150	0.34	0.85	50	858	62	10 444	-670.4	1 546.6	1980	88 12
256	3.46	0.200	0.21	0.85	56	873	50	9 453	-664.0	1 501.2	1986	94 12
64	3.00	0.130	0.35	0.84	60	870	48	10 207	-553.2	1 370.6	1985	87 03 - GPP
16	2.50	0.130	0.27	0.85	56	873	50	9 797	-669.7	1 493.3	1985	96 06 - GPP
32	7.50	0.120	0.29	0.79	78	877	59	9 565	-666.9	1 499.7	1990	91 10
16	5.90	0.160	0.30	0.85	59	870	45	10 379	-635.8	1 472.3	1985	96 06
64	2.00	0.170	0.31	0.85	58	853	47	10 368	-605.3	1 475.2	1980	91 09 - GPP
16	3.30	0.190	0.35	0.89	62	854	39	10 111	-542.0	1 348.4	1987	96 06
64	2.96	0.170	0.27	0.85	59	860	47	10 493	-570.6	1 392.8	1994	95 08 - GPP
32	1.50	0.170	0.32	0.85	53	859	51	9 775	-574.8	1 395.3	1995	95 07 - GPP
32	2.70	0.200	0.26	0.85	54	838	50	9 847	-579.3	1 418.0	1995	96 03 - GPP
64	1.50	0.150	0.40	0.85	55	883	49	10 012	-550.7	1 351.8	1994	96 02 - GPP
64	5.86	0.190	0.30	0.85	58	892	48	10 318	-635.4	1 451.1	1959	86 12 - GPP
65	1.52	0.180	0.25	0.86	51	892	49	10 845	-647.7	1 487.7	1965	87 12 - GPP
128	1.72	0.130	0.34	0.84	62	876	56	10 922	-697.1	1 571.4	1977	96 06 - GPP
64	1.98	0.150	0.32	0.85	62	881	49	11 366	-694.3	1 570.3	1977	96 06 - GPP
128	6.13	0.200	0.20	0.85	70	861	60	10 351	-662.6	1 491.3	1971	87 11 - GPP
64	3.30	0.100	0.50	0.84	60	861	61	10 341	-658.6	1 509.2	1981	96 06 - GPP
16	3.20	0.170	0.33	0.85	56	873	50	8 445	-675.1	1 502.6	1986	96 06
64	1.00	0.120	0.50	0.85	49	860	45	8 922	-675.2	1 514.5	1987	93 04 - ABAND 92 11
16	1.60	0.120	0.30	0.85	52	869	47	9 580	-667.3	1 494.8	1986	96 06
64	1.70	0.145	0.29	0.87	47	868	62	9 831	-662.6	1 510.9	1988	88 08 - GPP
16	1.50	0.140	0.47	0.80	79	877	56	9 886	-669.9	1 513.1	1988	96 06 - GPP
32	12.19	0.054	0.40	0.86	62	870	54	10 118	-606.0	1 421.3	1965	94 12 - GPP
64	17.00	0.050	0.30	0.80	91	813	52	10 480	-657.6	1 476.9	1979	85 12 - ABAND 87 05
64	10.50	0.050	0.30	0.86	58	859	40	10 403	-576.3	1 417.1	1981	82 04 - ABAND 89 08
32	2.70	0.070	0.20	0.80	79	877	55	9 674	-766.0	1 651.8	1981	96 06 - GPP
1 762					16	830	64	17 450	-1 118.2	1 769.8	1983	97 12
810	7.03	0.086	0.33	0.92								
952	10.46	0.086	0.33	0.92								- GPP
640	7.28	0.084	0.37	0.90	30	851	54	17 381	-1 127.6	1 795.0	1980	95 12 - GPP
64	5.76	0.091	0.40	0.90	15	854	65	16 753	-1 134.9	1 825.5	1984	87 12 - GPP
64	12.60	0.095	0.32	0.90	28	850	56	17 013	-1 126.0	1 796.5	1984	96 08 - GPP
16	6.70	0.080	0.50	0.93	15	835	65	15 839	-1 133.1	1 799.0	1984	96 06 - GPP
64	4.10	0.079	0.37	0.90	30	850	54	17 182	-1 123.2	1 784.0	1985	95 12 - GPP
64	11.40	0.100	0.55	0.89	34	838	50	17 973	-1 155.0	1 865.8	1985	88 12 - ABAND 91 06
128	7.52	0.070	0.38	0.90	29	843	64	17 581	-1 141.7	1 815.2	1981	97 03 - GPP
64	7.70	0.080	0.43	0.90	30	865	54	17 601	-1 144.2	1 826.4	1982	83 04 - GPP
64	1.30	0.150	0.29	0.90	30	839	57	17 820	-1 186.5	1 893.9	1985	89 12 - ABAND 91 02
128	1.76	0.110	0.35	0.83	58	841	60	18 307	-1 152.2	1 822.3	1980	85 02
64	3.80	0.180	0.30	0.90	26	841	65	17 673	-1 153.6	1 803.1	1983	84 04 - GPP
256	3.72	0.170	0.29	0.83	56	847	71	18 760	-1 154.4	1 815.1	1983	97 12 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
		PRIMARY frac	ENHANCED frac	PRIMARY 10^3m^3	ENHANCED 10^3m^3	TOTAL 10^3m^3		
GIFT 079-11W5 (CONTINUED)								
GILWOOD G	238.0	<0.14		33.0		33.0	33.0	
GILWOOD H	440.0	0.35		154.0		154.0	105.1	48.9
GILWOOD I	15.8	<0.02		0.3		0.3	0.3	
GILWOOD J	1 267.0	0.25		317.0		317.0	169.3	147.7
GILWOOD K	193.0	0.30		57.9		57.9	50.6	7.3
GILWOOD L	48.1	<0.05		2.2		2.2	2.2	
GILWOOD M	1 110.0	0.25		278.0		278.0	199.1	78.9
GILWOOD N	98.4	<0.09		8.2		8.2	8.2	
GILWOOD O	157.0	0.25		39.3		39.3	26.5	12.8
GILWOOD P	360.0	0.05		18.0		18.0	18.0	
GILWOOD R	147.0	0.25		36.8		36.8	9.1	27.7
GILWOOD S	103.0	0.25		25.8		25.8	22.4	3.4
GILWOOD T	109.0	0.14		15.3		15.3	4.6	10.7
GILWOOD U	302.0	0.25		75.5		75.5	32.2	43.3
GILWOOD V	81.9	0.25		20.5		20.5	5.1	15.4
GILWOOD W	225.0	0.35		78.8		78.8	65.1	13.7
GILWOOD X	38.5	0.10		3.9		3.9	3.2	0.7
GILWOOD Y	143.0	0.25		35.8		35.8	25.0	10.8
GILWOOD Z	177.0	0.09		15.9		15.9	3.2	12.7
GILWOOD AA	89.0	0.25		22.3		22.3	9.4	12.9
GILWOOD BB	65.8	0.10		6.6		6.6	2.4	4.2
GRANITE WASH A	72.7	<0.01		0.2		0.2	0.2	
GRANITE WASH B	198.0	<0.02		3.6		3.6	3.5	0.1
GRANITE WASH C	65.0	<0.02		0.8		0.8	0.8	
GRANITE WASH D	47.7	0.10		4.8		4.8	4.8	
GRANITE WASH E	46.2	<0.01		0.2		0.2	0.2	
GRANITE WASH F	86.9	<0.03		2.4		2.4	2.4	
FIELD TOTAL	19 564.6			2 865.3	1 179.0	4 044.3	2 473.5	1 570.8
GILBY 041-03W5								
BELLY RIVER A	286.0	0.07		20.0		20.0	19.1	0.9
BELLY RIVER B	685.0	0.10		68.5		68.5	49.5	19.0
BELLY RIVER C	121.0	<0.01		1.1		1.1	1.1	
BELLY RIVER E	214.0	0.07		15.0		15.0	13.8	1.2
CARDIUM A	295.0	0.20		59.0		59.0	32.0	27.0
SECOND WHITE SPECKS A	1 516.0	0.30		455.0		455.0	282.3	172.7
SECOND WHITE SPECKS B	57.5	<0.03		1.6		1.6	1.6	
SECOND WHITE SPECKS C	455.0	0.04		18.2		18.2	11.7	6.5
SECOND WHITE SPECKS D	208.0	0.08		16.6		16.6	12.4	4.2
SECOND WHITE SPECKS E	142.0	0.10		14.2		14.2	0.7	13.5
SECOND WHITE SPECKS F	473.0	0.05		23.7		23.7	5.2	18.5
VIKING A TOTAL	7 041.0			1 469.0	1 224.0	2 693.0	2 621.5	71.5
PRIMARY AREA	921.0	0.20		184.0		184.0		
WATER FLOOD AREA	6 120.0	0.21	0.20	1 285.0	1 224.0	2 509.0		
VIKING B TOTAL	1 539.0			441.0	183.0	624.0	600.5	23.5
PRIMARY AREA	133.0	0.25		33.3		33.3		
WATER FLOOD AREA	1 406.0	0.29	0.13	408.0	183.0	591.0		
VIKING C	229.0	0.20		45.8		45.8	34.7	11.1
VIKING F	99.8	0.15		15.0		15.0	12.8	2.2
VIKING G	61.5	<0.02		0.9		0.9	0.9	
VIKING H	19.8	0.02		0.4		0.4	0.4	
VIKING J	74.5	<0.01		0.2		0.2	0.2	
VIKING K	50.3	0.13		6.5		6.5	6.5	
VIKING L	32.1	<0.03		0.8		0.8	0.8	
UPPER MANNVILLE J TOTAL	4 720.0			472.0	488.0	960.0	616.9	343.1
PRIMARY AREA	1 470.0	0.10		147.0		147.0		
WATER FLOOD AREA	3 250.0	0.10	0.15	325.0	488.0	813.0		
UPPER MANNVILLE K WATER FLOOD	800.0	0.15	0.15	120.0	120.0	240.0	76.2	163.8
UPPER MANNVILLE L	64.2	<0.03		1.9		1.9	1.9	
UPPER MANNVILLE M	457.0	0.15		68.6		68.6	14.4	54.2
UPPER MANNVILLE O	48.9	0.15		7.3		7.3	0.2	7.1

_ LIGHT-MEDIUM CRUDE OIL POOLS

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
32	6.40	0.200	0.30	0.83	62	847	57	18 685	-1 143.4	1 794.3	1984	96 06 - GPP
192	2.11	0.170	0.23	0.83	43	847	56	18 500	-1 168.6	1 844.7	1989	97 12
64	0.50	0.080	0.29	0.87	43	847	54	16 544	-1 156.5	1 830.5	1984	88 12 - ABAND 95 07
502	2.70	0.150	0.30	0.89	31	836	59	18 758	-1 177.1	1 866.5	1984	97 02
64	3.50	0.150	0.30	0.82	64	850	63	18 766	-1 203.5	1 908.8	1984	97 12 - GPP
64	1.10	0.120	0.36	0.89	57	836	64	18 523	-1 171.6	1 827.3	1990	94 04
406	2.53	0.180	0.31	0.87	44	840	60	11 046	-1 164.4	1 826.8	1990	93 12
64	1.70	0.160	0.35	0.87	43	847	56	18 505	-1 169.7	1 849.2	1984	96 06
64	2.00	0.190	0.22	0.83	65	822	49	12 946	-1 187.3	1 888.8	1991	91 08
64	6.20	0.180	0.40	0.84	58	831	64	11 847	-1 171.3	1 832.4	1991	96 06
64	2.80	0.170	0.45	0.88	36	845	42	11 780	-1 178.2	1 869.3	1992	92 07
64	1.60	0.150	0.25	0.89	52	829	62	12 953	-1 188.1	1 876.3	1992	93 03
64	2.30	0.150	0.41	0.84	58	831	64	9 526	-1 208.4	1 928.9	1992	96 08
64	4.00	0.190	0.26	0.84	58	831	64	9 017	-1 189.2	1 891.5	1993	94 01
64	1.30	0.200	0.40	0.82	52	829	64	9 013	-1 175.5	1 855.9	1993	94 02
64	4.80	0.130	0.32	0.83	43	847	56	13 957	-1 171.9	1 839.8	1990	97 12
32	2.00	0.130	0.45	0.84	58	831	64	19 160	-1 221.5	1 954.0	1992	93 02 - GPP
64	3.19	0.160	0.48	0.84	58	831	64	10 900	-1 176.2	1 871.5	1992	92 12
64	3.40	0.150	0.34	0.82	52	829	64	18 456	-1 206.8	1 928.7	1994	96 08
32	3.00	0.160	0.31	0.84	58	831	64	10 773	-1 194.3	1 898.2	1995	96 03
64	1.20	0.150	0.32	0.84	58	831	64	17 918	-1 201.3	1 934.4	1995	96 02 - GPP
64	1.50	0.150	0.42	0.87	43	854	55	19 105	-1 169.8	1 836.7	1984	84 11 - ABAND 84 11
64	3.30	0.200	0.46	0.87	42	835	56	18 477	-1 197.2	1 876.7	1984	88 12
64	1.20	0.130	0.25	0.87	42	835	56	19 114	-1 158.7	1 826.6	1984	88 12
32	1.70	0.180	0.44	0.87	39	845	65	17 322	-1 167.7	1 838.2	1984	96 06 - GPP
32	1.70	0.150	0.35	0.87	41	870	66	18 376	-1 184.2	1 864.7	1990	91 04 - ABAND 90 07
64	2.00	0.120	0.35	0.87	40	845	60	18 650	-1 207.6	1 906.7	1982	92 08 - ABAND 90 01
129	3.57	0.183	0.60	0.85	57	820	38	7 193	-328.6	1 282.8	1963	75 12 - GPP
192	4.27	0.150	0.36	0.87	51	820	46	7 301	-367.5	1 393.9	1965	89 01 - GPP
16	6.40	0.200	0.32	0.87	68	820	33	7 318	-336.5	1 299.3	1979	92 11 - ABAND 85 01
64	4.96	0.136	0.43	0.87	58	836	29	7 310	-343.9	1 307.6	1979	89 12 - GPP
417	1.85	0.080	0.37	0.76	106	811	63	17 884	-726.6	1 677.2	1962	96 08 - GPP
192	14.06	0.080	0.10	0.78	96	834	64	21 592	-863.6	1 815.9	1989	94 12 - GPP
16	5.60	0.170	0.41	0.64	170	827	50	21 429	-840.1	1 787.0	1980	96 06 - ABAND 96 01
64	15.40	0.080	0.25	0.77	96	826	64	18 064	-853.5	1 800.7	1991	96 08 - GPP
32	14.10	0.080	0.25	0.77	96	826	64	20 097	-827.9	1 768.8	1959	95 11 - GPP
32	11.60	0.060	0.17	0.77	96	826	64	20 745	-893.7	1 852.3	1977	93 12 - GPP
32	18.30	0.140	0.25	0.77	96	826	64	13 713	-839.1	1 795.3	1963	96 08 - GPP
6 630					55	834	62	9 301	-823.4	1 753.4	1953	97 12 - GPP
1 024	1.81	0.092	0.35	0.83								
5 606	1.86	0.104	0.32	0.83								
2 451					92	839	68	17 935	-993.4	1 951.4	1961	91 12 - GPP
181	2.00	0.070	0.32	0.77								
2 270	1.62	0.073	0.32	0.77								
255	1.16	0.140	0.29	0.78	92	839	66	17 500	-932.3	1 906.9	1956	74 12 - GPP
128	1.35	0.110	0.30	0.75	110	849	66	10 994	-1 015.1	1 973.7	1974	88 12 - GPP
65	1.22	0.140	0.29	0.78	92	849	62	14 626	-905.6	1 908.1	1976	83 12 - ABAND 95 06
64	2.50	0.030	0.45	0.75	100	818	83	15 065	-970.7	1 917.6	1980	82 07 - ABAND 87 06
64	1.80	0.110	0.30	0.84	58	834	63	12 900	-864.6	1 831.1	1985	89 12 - ABAND 90 03
64	1.80	0.070	0.20	0.78	90	837	72	10 277	-1 049.8	2 044.9	1985	94 11 - GPP
64	0.80	0.105	0.35	0.92	49	850	60	8 427	-792.2	1 671.6	1985	91 10 - ABAND 90 10
734					90	886	66	16 309	-929.8	1 841.8	1992	95 02
277	6.74	0.120	0.19	0.81								
457	9.03	0.120	0.19	0.81								- GPP
148	6.70	0.120	0.16	0.80	110	869	62	15 209	-894.3	1 824.2	1992	95 08 - GPP
16	4.60	0.130	0.15	0.79	90	900	69	15 731	-950.0	1 855.8	1992	94 11 - ABAND 94 07
64	8.08	0.130	0.14	0.79	90	886	66	15 745	-903.3	1 818.9	1993	94 01 - GPP
64	1.00	0.110	0.21	0.88	46	882	58		-1 040.1	2 026.3	1996	97 04

TABLE 2-6

	1	2	3	4	5	6	7	8
FIELD POOL	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
GILBY 041-03W5 (CONTINUED)								
UPPER MANNVILLE N & BASAL MANNVILLE DDD	120.0	0.15		18.0		18.0	10.3	7.7
BASAL MANNVILLE B TOTAL	8 718.0			953.0	345.0	1 298.0	1 221.1	76.9
PRIMARY AREA	2 968.0	0.05		148.0		148.0		
WATER FLOOD AREA	5 750.0	0.14	0.06	805.0	345.0	1 150.0		
BASAL MANNVILLE G	76.6	<0.01		0.2		0.2	0.2	
BASAL MANNVILLE Q	103.0	<0.01		0.5		0.5	0.5	
BASAL MANNVILLE R	1 700.0	0.10		170.0		170.0	100.5	69.5
BASAL MANNVILLE S	493.0	0.07		34.5		34.5	32.9	1.6
BASAL MANNVILLE X	376.0	<0.01		1.7		1.7	1.7	
BASAL MANNVILLE Y	93.6	<0.01		0.1		0.1	0.1	
BASAL MANNVILLE AA	93.0	0.02		1.9		1.9	1.9	
BASAL MANNVILLE BB	133.0	<0.09		10.9		10.9	10.9	
BASAL MANNVILLE DD	105.0	0.10		10.5		10.5	5.0	5.5
BASAL MANNVILLE EE	283.0	0.05		14.2		14.2	3.7	10.5
BASAL MANNVILLE GG	371.0	0.04		14.8		14.8	3.4	11.4
BASAL MANNVILLE HH	62.8	<0.02		1.1		1.1	1.1	
BASAL MANNVILLE PP	102.0	0.10		10.2		10.2	2.8	7.4
BASAL MANNVILLE UU	624.0	0.10		62.4		62.4	16.5	45.9
BASAL MANNVILLE VV	29.7	<0.03		0.6		0.6	0.6	
BASAL MANNVILLE A & JURASSIC D	6 000.0	0.10		600.0		600.0	426.6	173.4
MANN.JUR & RUN MU #1	1 292.0	0.05		64.6		64.6	63.8	0.8
BASAL MANNVILLE AAA	118.0	0.10		11.8		11.8	3.5	8.3
JURASSIC B TOTAL	12 340.0			1 465.0	2 196.0	3 661.0	3 123.1	537.9
PRIMARY AREA	138.0	<0.01		0.7		0.7		
WATER FLOOD AREA	12 200.0	0.12	0.18	1 464.0	2 196.0	3 660.0		
JURASSIC F WATER FLOOD	1 760.0	0.15	0.25	264.0	442.0	706.0	514.6	191.4
JURASSIC P	435.0	0.20		87.0		87.0	27.5	59.5
JURASSIC Q	171.0	0.05		8.6		8.6	7.6	1.0
JURASSIC T	84.9	<0.03		2.4		2.4	2.4	
JURASSIC U	115.0	0.15		17.3		17.3	0.3	17.0
JURASSIC S & RUNDLE W	105.0	0.10		10.5		10.5	0.7	9.8
RUNDLE B	175.0	<0.02		2.1		2.1	2.0	0.1
RUNDLE E	138.0	0.10		13.8		13.8	10.1	3.7
RUNDLE L	300.0	<0.02		5.4		5.4	5.4	
RUNDLE M	135.0	<0.01		0.1		0.1	0.1	
RUNDLE N	67.4	<0.01		0.1		0.1	0.1	
RUNDLE O	156.0	<0.06		8.2		8.2	8.2	
RUNDLE R	2 000.0	0.05		100.0		100.0	25.9	74.1
RUNDLE S	583.0	<0.01		0.8		0.8	0.8	
RUNDLE V	161.0	0.05		8.1		8.1	0.2	7.9
BANFF A	188.0	<0.01		0.1		0.1	0.1	
NISKU A	121.0	<0.02		1.3		1.3	1.3	
NISKU B	100.0	<0.03		2.7		2.7	2.7	
NISKU C	136.0	<0.12		15.4		15.4	15.4	
NISKU D	129.0	<0.03		2.9		2.9	2.9	
D-3 A	169.0	<0.01		1.5		1.5	1.5	
D-3 B	228.0	0.20		45.6		45.6	5.5	40.1
FIELD TOTAL *	60 380.6			7 386.2	4 998.0	12 384.2	10 082.8	2 301.4
GILWOOD 073-18W5								
GILWOOD A	442.0	0.25		111.0		111.0	105.9	5.1
GILWOOD B	144.0	<0.16		21.7		21.7	21.7	
GILWOOD C	217.0	0.25		54.2		54.2	20.5	33.7
GILWOOD D	110.0	<0.02		1.3		1.3	1.3	
GILWOOD E	254.0	0.20		50.8		50.8	29.0	21.8
GILWOOD F	212.0	0.20		42.4		42.4	34.6	7.8
GILWOOD G	73.8	<0.02		1.3		1.3	1.3	
GILWOOD H	120.0	0.20		24.0		24.0	13.3	10.7
GILWOOD I	146.0	0.20		29.2		29.2	8.3	20.9
FIELD TOTAL	1 718.8			335.9		335.9	235.9	100.0
GIROUX LAKE 066-21W5								
VIKING A WATER FLOOD	843.0	<0.19	0.14	155.0	118.0	273.0	244.6	28.4
VIKING D	270.0	0.10		27.0		27.0	23.7	3.3

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
32	4.30	0.130	0.15	0.79	91	891	68	15 296	-905.5	1 827.2	1993	94 02 - GPP
1 283					71	892	69	15 900	-1 195.6	2 144.4	1957	91 12 - GPP
575	6.06	0.140	0.22	0.78								
708	9.40	0.142	0.22	0.78								
65	2.13	0.100	0.30	0.79	91	892	53	15 330	-1 073.7	2 033.5	1966	68 02 - ABAND 70 12
64	1.83	0.140	0.20	0.78	99	904	52	14 846	-1 010.4	1 887.0	1974	75 12 - ABAND 76 06
128	13.84	0.136	0.15	0.83	66	887	60	14 399	-1 185.7	2 135.9	1976	96 12 - GPP
128	5.20	0.130	0.27	0.78	98	829	56	15 564	-1 007.5	1 907.1	1971	81 12 - GPP
64	9.50	0.110	0.28	0.78	180	889	52	17 147	-1 266.3	2 192.3	1979	79 08
64	2.10	0.130	0.33	0.80	87	890	79	18 656	-1 159.4	2 126.4	1981	84 01 - ABAND 84 05
64	1.90	0.140	0.30	0.78	95	898	59	18 319	-1 103.0	2 089.0	1986	94 11 - ABAND 93 11
64	2.35	0.135	0.16	0.78	87	890	76	18 489	-1 107.9	2 094.1	1979	95 04 - ABAND 95 01
64	2.80	0.100	0.23	0.76	100	859	67	14 275	-1 041.0	1 990.8	1971	88 01 - GPP
32	12.10	0.120	0.22	0.78	90	892	69	15 937	-1 195.8	2 159.1	1987	91 12
128	4.14	0.130	0.22	0.69	135	812	66	14 786	-1 153.3	2 114.7	1987	96 08 - GPP
16	6.00	0.120	0.31	0.79	91	890	68	15 727	-1 004.2	1 914.0	1988	96 06 - GPP
64	1.70	0.140	0.14	0.78	91	879	69	15 980	-955.5	1 865.9	1992	92 12 - GPP
96	6.84	0.140	0.13	0.78	91	879	69	15 723	-930.4	1 845.1	1993	95 07
16	2.80	0.120	0.30	0.79	91	891	68	15 506	-1 086.9	2 084.4	1992	96 06 - GPP
908	5.72	0.190	0.24	0.80	80	887	71	13 835	-1 194.9	2 155.7	1973	95 09 - GPP
192	7.70	0.140	0.22	0.80	86	892	71	16 029	-1 165.6	2 125.2	1955	84 12 - GPP
64	2.50	0.120	0.26	0.83	90	900	55	15 783	-971.9	1 888.0	1994	95 08 - GPP
1 893					86	887	71	16 164	-1 200.1	2 144.6	1958	97 05
64	3.06	0.110	0.20	0.80								
1 829	6.40	0.167	0.22	0.80								- GPP
404	4.97	0.146	0.25	0.80	90	887	66	16 049	-1 211.9	2 164.8	1961	68 05 - GPP
60	8.20	0.140	0.20	0.79	91	891	68	15 326	-1 207.6	2 172.6	1989	96 03 - GPP
69	2.09	0.200	0.26	0.80	83	897	70	8 836	-1 196.0	2 148.9	1991	92 06 - GPP
16	6.00	0.130	0.15	0.80	90	891	79	16 151	-1 255.1	2 301.2	1992	96 06
32	4.00	0.140	0.20	0.80	83	897	70		-1 063.7	2 014.5	1995	97 10
32	8.30	0.060	0.19	0.81	74	893	73		-1 009.7	1 946.3	1996	97 05
101	4.79	0.062	0.28	0.81	86	898	71	16 209	-1 212.7	2 148.1	1958	64 04
32	6.83	0.100	0.22	0.81	73	898	71	16 121	-1 230.9	2 178.2	1962	95 12
65	7.62	0.100	0.25	0.81	71	898	73	16 209	-1 212.8	2 154.9	1974	88 12 - ABAND 92 10
64	4.80	0.068	0.20	0.81	74	881	62	15 480	-1 068.9	2 027.5	1976	82 12 - ABAND 83 01
64	2.50	0.080	0.35	0.81	74	881	66	15 994	-1 269.7	2 275.8	1979	88 12 - ABAND 89 10
32	8.00	0.100	0.25	0.81	116	887	54	21 151	-1 285.5	2 251.8	1979	96 06 - GPP
561	7.76	0.070	0.19	0.81	80	894	71	17 000	-1 301.1	2 279.2	1991	97 07 - GPP
50	25.00	0.080	0.28	0.81	71	894	71	18 925	-276.7	1 322.8	1992	96 06 - GPP
32	8.90	0.100	0.30	0.81	71	894	71	16 456	-1 181.2	2 143.0	1995	96 04
64	5.00	0.120	0.30	0.70	150	753	57	16 229	-1 112.6	2 075.0	1984	85 07 - ABAND 91 09
64	9.00	0.050	0.40	0.70	177	817	51	18 568	-1 478.9	2 478.5	1979	83 12 - ABAND 84 07
16	20.00	0.053	0.18	0.72	120	830	82	18 216	-1 426.3	2 394.5	1984	96 06 - GPP
32	15.40	0.050	0.20	0.69	125	815	80	18 847	-1 447.0	2 383.7	1988	94 10 - ABAND 93 12
32	12.00	0.060	0.20	0.70	143	823	67	18 439	-1 459.4	2 437.0	1990	97 12 - ABAND 97 10
64	7.50	0.070	0.25	0.67	59	806	83	11 225	-1 507.3	2 475.5	1984	88 12
64	8.70	0.070	0.26	0.79	69	809	84	11 184	-1 558.6	2 525.7	1984	97 01 - GPP
243	2.13	0.150	0.36	0.89	36	834	86	26 072	-1 792.5	2 471.3	1954	96 08 - GPP
32	6.00	0.140	0.40	0.89	36	838	86	25 796	-1 809.6	2 524.6	1984	96 06 - GPP
64	4.70	0.133	0.39	0.89	36	834	86	26 521	-1 808.6	2 534.5	1987	87 09 - GPP
64	3.03	0.107	0.39	0.87	38	840	64	26 360	-1 825.1	2 558.3	1985	92 10 - ABAND 94 11
128	2.62	0.147	0.42	0.89	36	935	86	25 543	-1 769.3	2 425.6	1987	89 03 - GPP
64	4.20	0.150	0.41	0.89	36	835	86	25 732	-1 771.2	2 431.7	1988	89 02 - GPP
64	1.80	0.144	0.50	0.89	36	835	86	25 425	-1 767.1	2 442.1	1988	92 06 - ABAND 92 03
64	2.50	0.140	0.40	0.89	36	834	86	25 063	-1 793.7	2 457.6	1995	95 08 - GPP
64	2.30	0.180	0.38	0.89	36	834	86	25 433	-1 769.3	2 432.8	1995	96 02 - GPP
646	1.61	0.138	0.30	0.84	71	834	56	11 726	-627.0	1 385.8	1964	91 06 - GPP
192	1.33	0.200	0.37	0.84	71	834	56	11 123	-625.4	1 329.5	1985	88 06 - GPP

TABLE 2-6

FIELD POOL	1	2	3	4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
GIROUX LAKE 066-21W5 (CONTINUED)								
VIKING F	512.0	0.20		102.0		102.0	23.0	79.0
GETHING A	140.0	<0.01		1.3		1.3	1.3	
GETHING C	113.0	<0.04		4.1		4.1	4.1	
FIELD TOTAL	1 878.0			289.4	118.0	407.4	296.7	110.7
GIROUXVILLE EAST 076-22W5								
DEBOLT B	225.0	<0.05		9.4		9.4	9.4	
DEBOLT C	139.0	0.17		23.6		23.6	21.3	2.3
WABAMUN A	399.0	<0.01		2.2		2.2	2.2	
BEAVERHILL LAKE A	65.4	0.15		9.8		9.8	1.9	7.9
GILWOOD A	111.0	0.15		16.7		16.7	9.1	7.6
GILWOOD B	200.0	0.40		80.0		80.0	61.3	18.7
GILWOOD C	118.0	<0.05		5.0		5.0	5.0	
GRANITE WASH A	198.0	0.30		59.4		59.4	58.5	0.9
FIELD TOTAL	1 455.4			206.1		206.1	168.7	37.4
GLADYS 020-27W4								
UPPER MANNVILLE A	92.2	0.05		4.6		4.6	1.1	3.5
LOWER MANNVILLE A	2 708.0	<0.03		60.0		60.0	57.4	2.6
LOWER MANNVILLE D	99.7	0.05		5.0		5.0	3.3	1.7
LOWER MANNVILLE E	20.6	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE G	216.0	0.05		10.8		10.8	1.1	9.7
LOWER MANNVILLE H	54.0	0.15		8.1		8.1	1.0	7.1
LOWER MANNVILLE I	184.0	0.10		18.4		18.4	0.5	17.9
LOWER MANNVILLE B&C	77.6	<0.01		0.4		0.4	0.4	
DETRITAL A	138.0	<0.02		2.6		2.6	2.6	
RUNDLE C	722.0	0.25		181.0		181.0	154.1	26.9
RUNDLE E	419.0	<0.01		0.2		0.2	0.2	
RUNDLE F	188.0	0.05		9.4		9.4	1.0	8.4
RUNDLE G	252.0	0.10		25.2		25.2	3.4	21.8
FIELD TOTAL *	5 171.1			325.9		325.9	226.3	99.6
GLEICHEN 022-21W4								
UPPER MANNVILLE A	47.2	<0.03		1.1		1.1	1.1	
UPPER MANNVILLE B	44.1	0.04		1.8		1.8	1.8	
FIELD TOTAL	91.3			2.9		2.9	2.9	
GLEN PARK 049-27W4								
GLAUCONITIC A	194.0	<0.18		34.5		34.5	34.5	
GLAUCONITIC B	333.0	0.15		50.0		50.0	47.4	2.6
D-2 A	304.0	0.07		21.3		21.3	21.3	
D-3 A	4 664.0	0.72		3 358.0		3 358.0	3 278.7	79.3
D-3 B	167.0	0.50		83.5		83.5	48.7	34.8
FIELD TOTAL	5 662.0			3 547.3		3 547.3	3 430.6	116.7
GOLD CREEK 068-06W6								
GETHING B	58.3	0.10		5.8		5.8	0.2	5.6
CHARLIE LAKE C	84.9	0.17		14.4		14.4	12.4	2.0
CHARLIE LAKE D	182.0	0.10		18.2		18.2	4.8	13.4
CHARLIE LAKE E	434.0	0.10		43.4		43.4	20.7	22.7
CHARLIE LAKE G	72.1	0.15		10.8		10.8	1.1	9.7
CHARLIE LAKE H	212.0	0.10		21.2		21.2	4.0	17.2
CHARLIE LAKE B & DOIG D	410.0	0.05		20.5		20.5	6.6	13.9
HALFWAY A	38.4	0.10		3.8		3.8	0.3	3.5
DOIG A	77.0	0.15		11.6		11.6	1.2	10.4
DOIG C	294.0	0.05		14.7		14.7	2.6	12.1
FIELD TOTAL	1 862.7			164.4		164.4	53.9	110.5
GOLDEN 087-14W5								
SLAVE POINT A	5 000.0	0.58		2 900.0		2 900.0	2 767.7	132.3
SLAVE POINT B	88.0	<0.09		7.9		7.9	7.9	
SLAVE POINT C	139.0	<0.02		2.1		2.1	2.1	
GRANITE WASH A	154.0	<0.06		8.1		8.1	8.1	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
218	1.80	0.210	0.26	0.84	63	832	54	11 681	-610.2	1 337.8	1996	97 09
64	2.50	0.130	0.25	0.90	29	927	59	15 462	-961.7	1 691.4	1979	79 11 - ABAND 96 01
64	1.85	0.160	0.32	0.88	50	922	71	15 853	-1 008.1	1 741.4	1978	88 12 - ABAND 96 02
64	3.80	0.160	0.35	0.89	38	826	41	9 309	-459.3	1 118.9	1982	94 02 - ABAND 93 09
100	1.80	0.150	0.42	0.89	38	826	41	9 379	-471.9	1 077.5	1988	97 12 - GPP
16	33.83	0.100	0.10	0.82	67	836	62	22 708	-1 326.3	1 902.7	1958	96 12 - ABAND 63 06
64	1.60	0.110	0.30	0.83	53	843	88	23 558	-1 831.6	2 400.7	1993	94 01 - GPP
32	3.59	0.158	0.31	0.89	42	831	66	26 778	-1 876.0	2 444.8	1987	97 12 - GPP
64	4.30	0.132	0.36	0.86	40	827	78	27 153	-1 897.3	2 459.5	1988	97 12 - GPP
64	2.35	0.150	0.40	0.87	39	813	77	26 747	-1 895.6	2 451.6	1990	94 12 - ABAND 94 09
64	3.80	0.180	0.48	0.87	36	820	76	26 704	-1 871.4	2 445.4	1985	86 01 - GPP
64	2.00	0.120	0.25	0.80	80	852	48	17 339	-931.1	2 023.5	1979	96 11
192	22.39	0.120	0.30	0.75	112	849	54	16 860	-965.6	2 050.8	1978	96 12 - GPP
64	2.50	0.140	0.50	0.89	27	910	80	18 178	-962.2	2 029.1	1989	89 10
16	2.45	0.120	0.40	0.73	118	841	64	16 802	-952.5	2 007.3	1989	96 06
64	6.50	0.100	0.29	0.73	118	841	64	18 468	-952.1	2 030.8	1995	97 02
64	1.40	0.110	0.25	0.73	118	841	64	18 526	-958.8	2 015.7	1983	97 02
64	4.20	0.120	0.24	0.75	123	836	55		-958.6	2 058.2	1995	97 05
64	2.10	0.110	0.30	0.75	112	830	54	16 721	-987.2	2 068.6	1978	82 12
64	4.00	0.120	0.40	0.75	112	840	54	16 921	-974.3	2 080.1	1978	97 12 - ABAND 97 04
416	3.57	0.090	0.26	0.73	102	849	56	19 232	-974.8	2 066.5	1977	95 07 - GPP
64	12.80	0.120	0.40	0.71	140	820	64	16 232	-916.2	1 988.5	1978	82 12 - ABAND 83 09
16	14.00	0.150	0.31	0.81	91	894	47		-943.7	2 015.5	1996	97 12
64	8.90	0.070	0.23	0.82	87	853	55		-967.3	2 049.3	1996	97 09
64	1.30	0.140	0.50	0.81	82	841	43	10 945	-512.9	1 462.0	1980	84 12 - ABAND 83 11
64	1.70	0.100	0.50	0.81	72	838	43	10 865	-526.2	1 396.4	1979	89 12
77	2.74	0.149	0.26	0.83	60	881	59	13 240	-652.0	1 407.8	1953	61 09 - ABAND 71 05
82	3.64	0.170	0.20	0.82	44	881	60	7 282	-663.2	1 428.8	1965	84 12 - GPP
239	4.63	0.047	0.20	0.73	113	820	67	13 340	-932.2	1 691.2	1952	64 04 - GPP
173	39.32	0.097	0.07	0.76	106	834	74	15 506	-1 152.2	1 909.7	1951	73 05 - GPP
12	20.80	0.110	0.20	0.76	99	836	74	15 406	-1 159.2	1 907.6	1983	92 10 - GPP
16	5.00	0.130	0.29	0.79	97	869	69	18 327	-1 329.5	1 994.1	1993	94 07 - GPP
64	3.00	0.080	0.30	0.79	100	795	75	19 600	-1 457.5	2 185.0	1984	97 12 - GPP
64	3.89	0.125	0.27	0.80	100	827	74	20 525	-1 485.0	2 143.0	1985	86 09 - GPP
64	7.20	0.150	0.14	0.73	114	816	85	17 989	-1 311.8	1 961.0	1990	91 07 - GPP
64	1.50	0.130	0.32	0.85	170	832	53	18 184	-1 313.4	1 960.1	1994	95 05 - GPP
64	4.00	0.150	0.30	0.79	101	827	75	19 753	-1 466.6	2 178.5	1994	95 05 - GPP
64	5.90	0.160	0.15	0.80	100	815	75	19 464	-1 439.7	2 109.0	1983	93 11 - GPP
16	2.00	0.180	0.11	0.75	210	831	65	18 451	-1 386.5	2 048.0	1995	96 03 - GPP
64	1.80	0.110	0.24	0.80	78	820	74	21 083	-1 497.9	2 155.9	1985	86 03 - GPP
64	8.97	0.100	0.36	0.80	68	824	74	19 459	-1 458.3	2 163.4	1984	93 12 - GPP
1 497	6.01	0.086	0.29	0.91	32	829	38	16 752	-986.7	1 596.4	1971	94 12 - GPP
16	8.50	0.090	0.21	0.91	30	829	38	15 823	-996.0	1 581.3	1983	96 06 - GPP
64	6.76	0.060	0.42	0.92	30	829	38	15 999	-994.4	1 584.7	1989	94 09 - ABAND 93 12
32	5.80	0.112	0.23	0.96	35	835	40	16 504	-970.0	1 560.4	1971	96 04 - ABAND 95 09

TABLE 2-6

FIELD POOL	1	2	3	4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
GOLDEN 087-14W5 (CONTINUED)								
FIELD TOTAL	5 381.0			2 918.1		2 918.1	2 785.8	132.3
GOLDEN SPIKE 051-27W4								
BLAIRMORE E	787.0	0.05		39.4		39.4	16.5	22.9
BLAIRMORE L	46.1	0.05		2.3		2.3	1.4	0.9
BLAIRMORE P	145.0	0.10		14.5		14.5	1.7	12.8
UPPER MANNVILLE A	95.8	0.15		14.4		14.4	8.8	5.6
UPPER MANNVILLE C	228.0	0.10		22.8		22.8	14.4	8.4
UPPER MANNVILLE D	189.0	0.12		22.7		22.7	16.1	6.6
D-1 C	119.0	0.05		6.0		6.0	1.0	5.0
D-2 A TOTAL	2 804.0			309.0	131.0	440.0	404.5	35.5
PRIMARY AREA	624.0	0.11		68.6		68.6		
WATER FLOOD AREA	2 180.0	0.11	0.06	240.0	131.0	371.0		
D-2 B	356.0	<0.15		50.0		50.0	50.0	
D-3 A TOTAL	50 180.0			26 580.0	4 070.0	30 650.0	28 806.5	1 843.5
PRIMARY AREA	575.0	0.51		293.0		293.0		
SOLVENT FLOOD AREA	0.0			0.0	1 590.0	1 590.0		
GAS FLOOD AREA	49 600.0	0.53	0.05	26 290.0	2 480.0	28 770.0		
D-3 B	683.0	0.40		273.0		273.0	269.3	3.7
D-3 C	425.0	0.50		213.0		213.0	200.4	12.6
FIELD TOTAL	56 057.9			27 547.1	4 201.0	31 748.1	29 790.6	1 957.5
GOODWIN 059-13W5								
BASAL QUARTZ A	189.0	0.10		18.9		18.9	15.3	3.6
FIELD TOTAL	189.0			18.9		18.9	15.3	3.6
GOOSE RIVER 067-18W5								
D-2 A	299.0	<0.01		0.9		0.9	0.9	
BEAVERHILL LAKE A TOTAL	23 190.0			3 710.0	6 251.0	9 961.0	9 450.4	510.6
SOLVENT FLOOD AREA	13 690.0	0.16	0.29	2 190.0	4 066.0	6 256.0		
WATER FLOOD AREA	9 499.0	0.16	0.23	1 520.0	2 185.0	3 705.0		
BEAVERHILL LAKE B	167.0	0.10		16.7		16.7	13.9	2.8
FIELD TOTAL	23 656.0			3 727.6	6 251.0	9 978.6	9 465.2	513.4
GORDONDALE 079-10W6								
CHARLIE LAKE A	123.0	<0.01		1.1		1.1	1.1	
CHARLIE LAKE B	68.8	<0.01		0.4		0.4	0.4	
CHARLIE LAKE C	187.0	0.10		18.7		18.7	10.3	8.4
HALFWAY A	73.9	<0.04		2.9		2.9	2.9	
HALFWAY B	1 150.0	0.05		57.5		57.5	40.5	17.0
HALFWAY C	2 000.0	0.05		100.0		100.0	72.2	27.8
HALFWAY I	361.0	0.20		72.2		72.2	58.3	13.9
HALFWAY K	3 160.0	0.10		316.0		316.0	213.5	102.5
HALFWAY N	161.0	0.09		14.5		14.5	2.6	11.9
DOIG B	203.0	0.10		20.3		20.3	3.6	16.7
DOIG C	174.0	0.10		17.4		17.4	4.8	12.6
DOIG D	298.0	0.05		14.9		14.9	3.1	11.8
DOIG E	90.0	0.15		13.5		13.5	1.1	12.4
FIELD TOTAL	8 049.7			649.4		649.4	414.4	235.0
GRAND FORKS 012-13W4								
ARCS B	153.0	0.10		15.3		15.3	3.2	12.1
FIELD TOTAL *	153.0			15.3		15.3	3.2	12.1
GRANDE PRAIRIE 073-06W6								
CHARLIE LAKE B	617.0	0.20		123.0		123.0	76.4	46.6
CHARLIE LAKE C	74.0	0.11		8.1		8.1	7.2	0.9
CHARLIE LAKE D	185.0	<0.01		1.3		1.3	1.3	
CHARLIE LAKE E	206.0	0.20		41.2		41.2	20.7	20.5
CHARLIE LAKE F	216.0	0.10		21.6		21.6	5.7	15.9
CHARLIE LAKE G	173.0	0.10		17.3		17.3	8.0	9.3
CHARLIE LAKE H	135.0	<0.01		0.1		0.1	0.1	
CHARLIE LAKE I	261.0	0.05		13.1		13.1	0.2	12.9
HALFWAY A TOTAL	5 386.0			630.0	195.0	825.0	677.7	147.3

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
64	12.40	0.130	0.07	0.82	70	845	51	10 325	-616.8	1 325.5	1989	90 08 - GPP
16	3.60	0.130	0.25	0.82	70	845	51	15 326	-619.8	1 330.9	1959	97 02 - GPP
64	2.00	0.180	0.24	0.83	83	827	54		-603.1	1 312.4	1996	97 08 - GPP
32	3.60	0.160	0.35	0.80	60	905	50	11 352	-555.4	1 269.5	1976	96 12 - GPP
64	6.50	0.120	0.45	0.83	58	881	45	11 946	-592.4	1 300.8	1983	89 05 - GPP
64	3.70	0.148	0.35	0.83	82	882	57	12 006	-620.2	1 326.7	1985	96 12 - GPP
32	8.22	0.090	0.40	0.84	61	839	54	10 567	-685.7	1 397.0	1996	97 03 - GPP
769					87	839	61	12 422	-831.7	1 543.7	1952	96 09 - GPP
160	12.66	0.052	0.21	0.75								
609	9.85	0.057	0.15	0.75								
173	3.93	0.078	0.14	0.78	87	839	61	12 395	-847.5	1 556.2	1951	96 06 - GPP
614					70	839	60	14 583	-1 011.7	1 724.6	1949	93 12 - GPP
24	38.71	0.087	0.11	0.80								
												SF TERMINATED 76 02
590	135.71	0.087	0.11	0.80								
231	6.10	0.068	0.12	0.81	73	839	77	14 429	-1 099.6	1 810.5	1950	86 12 - GPP
158	5.82	0.068	0.15	0.80	73	839	67	14 569	-1 116.5	1 827.5	1951	96 12 - GPP
64	5.26	0.120	0.40	0.78	90	860	61	13 903	-873.8	1 653.8	1973	85 11 - GPP
65	9.14	0.080	0.15	0.74	113	825	94	28 522	-1 619.2	2 372.4	1965	71 05 - ABAND 69 08
3 344					99	820	110	29 336	-2 018.5	2 795.5	1963	97 02 - GPP
1 484	18.77	0.082	0.19	0.74								
1 860	10.39	0.082	0.19	0.74								
130	3.66	0.060	0.24	0.77	99	820	104	36 257	-1 960.8	2 782.8	1965	97 05 - GPP
64	5.10	0.090	0.44	0.75	123	824	58	14 994	-946.6	1 720.6	1988	88 10 - ABAND 90 07
32	1.82	0.175	0.10	0.75	123	845	69	13 842	-784.9	1 543.6	1988	93 12 - ABAND 93 06
64	3.20	0.140	0.13	0.75	123	827	69	14 468	-821.9	1 597.6	1990	91 07 - GPP
32	4.88	0.090	0.27	0.72	129	815	67	16 789	-932.7	1 747.1	1976	96 04 - ABAND 96 01
412	5.80	0.090	0.34	0.81	76	830	66	17 126	-1 050.3	1 819.8	1979	97 02 - GPP
882	4.00	0.100	0.30	0.81	76	832	66	16 795	-1 071.6	1 878.1	1980	97 02 - GPP
128	4.09	0.150	0.37	0.73	175	806	60	15 764	-942.7	1 743.7	1986	97 12 - GPP
2 444	2.12	0.110	0.23	0.72	112	814	70	15 042	-832.4	1 606.9	1984	95 12 - GPP
64	3.50	0.120	0.17	0.72	131	816	60	19 634	-980.3	1 704.3	1994	96 08 - GPP
32	9.60	0.100	0.12	0.75	130	787	67	14 132	-880.4	1 655.7	1988	93 04
32	8.50	0.090	0.10	0.79	75	845	58	18 279	-1 019.9	1 801.0	1988	95 07 - GPP
32	14.50	0.090	0.14	0.83	75	845	58	17 871	-1 011.6	1 735.0	1993	96 08
32	8.05	0.060	0.29	0.82	75	844	58	17 767	-997.8	1 716.4	1994	95 03 - GPP
32	5.90	0.130	0.23	0.81	83	890	35	13 325	-522.6	1 282.8	1991	94 09
500	1.28	0.160	0.10	0.67	106	835	58	19 196	-1 217.7	1 932.0	1984	95 04
64	2.10	0.106	0.20	0.65	168	827	64	19 163	-1 212.5	1 925.5	1979	97 12 - GPP
64	3.90	0.120	0.12	0.70	140	823	68	19 126	-1 207.4	1 947.7	1985	89 12 - ABAND 93 11
128	1.94	0.130	0.09	0.70	122	840	72	19 675	-1 290.4	1 961.2	1983	95 12 - GPP
128	2.19	0.120	0.12	0.73	115	820	77	19 144	-1 290.4	1 960.3	1995	96 05
64	2.20	0.190	0.17	0.78	80	839	63	16 123	-1 118.3	1 834.9	1984	85 08 - GPP
64	3.73	0.110	0.39	0.84	60	825	67	11 765	-1 096.6	1 804.2	1987	88 06
64	5.20	0.120	0.13	0.75	106	836	74		-1 212.2	1 940.0	1996	97 06
1 465					129	798	73	17 723	-1 188.4	1 895.4	1982	90 08

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
GRANDE PRAIRIE 073-06W6 (CONTINUED)								
PRIMARY AREA	1 704.0	0.05		90.3		90.3		
GAS FLOOD AREA	3 682.0	0.14	0.05	540.0	195.0	735.0		
HALFWAY F	5.7	<0.06		0.3		0.3	0.3	
HALFWAY H	32.4	<0.09		2.8		2.8	2.8	
HALFWAY I	32.0	0.02		0.6		0.6	0.6	
HALFWAY J	33.1	<0.02		0.4		0.4	0.4	
HALFWAY K	144.0	0.10		14.4		14.4	7.4	7.0
HALFWAY L	37.5	<0.02		0.4		0.4	0.4	
HALFWAY M	50.2	<0.01		0.4		0.4	0.4	
HALFWAY N	42.2	<0.04		1.5		1.5	1.5	
HALFWAY P	177.0	0.05		8.9		8.9	3.0	5.9
HALFWAY R	10.6	<0.03		0.3		0.3	0.3	
HALFWAY T	115.0	0.10		11.5		11.5	1.9	9.6
HALFWAY U	459.0	0.15		68.9		68.9	6.8	62.1
HALFWAY V	747.0	0.15		112.0		112.0	10.4	101.6
MONTNEY A	1 653.0	0.10		165.0		165.0	33.7	131.3
FIELD TOTAL	10 791.7			1 243.1	195.0	1 438.1	867.2	570.9
GREENCOURT EAST 059-06W5								
VIKING A	58.9	<0.01		0.4		0.4	0.3	0.1
VIKING B	28.1	<0.01		0.2		0.2	0.2	
FIELD TOTAL *	87.0			0.6		0.6	0.5	0.1
GROAT 057-15W5								
CARDIUM A	47.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL	47.0			0.1		0.1	0.1	
GROUARD 075-15W5								
GILWOOD A	332.0	0.20		66.4		66.4	29.1	37.3
FIELD TOTAL	332.0			66.4		66.4	29.1	37.3
GUNN 056-03W5								
LOWER MANNVILLE A	158.0	<0.01		1.4		1.4	1.4	
FIELD TOTAL *	158.0			1.4		1.4	1.4	
HACKETT 036-18W4								
UPPER MANNVILLE A	1 150.0	0.10		115.0		115.0	104.6	10.4
UPPER MANNVILLE D	238.0	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE I	155.0	0.10		15.5		15.5	2.0	13.5
FIELD TOTAL	1 543.0			130.6		130.6	106.7	23.9
HALKIRK 038-16W4								
UPPER MANNVILLE B	174.0	0.10		17.4		17.4	8.1	9.3
UPPER MANNVILLE D WATER FLOOD	2 000.0	0.17	0.31	340.0	620.0	960.0	804.6	155.4
UPPER MANNVILLE E	202.0	0.10		20.2		20.2	6.1	14.1
UPPER MANNVILLE G	140.0	<0.01		0.2		0.2	0.2	
UPPER MANNVILLE I TOTAL	5 742.0			966.0	1 989.0	2 955.0	2 418.2	536.8
PRIMARY AREA	59.0	<0.01		0.4		0.4		
WATER FLOOD AREA	5 683.0	0.17	0.35	966.0	1 989.0	2 955.0		
UPPER MANNVILLE J	960.0	0.10		96.0		96.0	40.2	55.8
UPPER MANNVILLE K	323.0	0.15		48.5		48.5	38.9	9.6
UPPER MANNVILLE N	288.0	0.20		57.6		57.6	34.2	23.4
UPPER MANNVILLE O	39.9	<0.01		0.2		0.2	0.2	
UPPER MANNVILLE Q	1 535.0	0.12		184.0		184.0	81.9	102.1
UPPER MANNVILLE R	4 029.0	0.25		1 007.0		1 007.0	790.7	216.3
UPPER MANNVILLE S	76.0	<0.01		0.4		0.4	0.4	
UPPER MANNVILLE U	190.0	0.10		19.0		19.0	5.5	13.5
GLAUCONITIC A	480.0	0.35		168.0		168.0	91.3	76.7
GLAUCONITIC B	20.4	0.20		4.1		4.1	2.7	1.4
GLAUCONITIC C	304.0	0.06		18.2		18.2	1.0	17.2
GLAUCONITIC F	233.0	0.15		35.0		35.0	30.7	4.3
GLAUCONITIC H	49.5	0.20		9.9		9.9	0.1	9.8

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
590	4.90	0.100	0.17	0.71								
875	7.00	0.102	0.17	0.71								- GPP
32	1.00	0.050	0.50	0.71	129	797	73	15 266	-1 200.0	1 904.6	1983	96 06
16	3.81	0.107	0.30	0.71	129	825	73	15 948	-1 210.1	1 921.4	1984	96 06
16	2.70	0.120	0.13	0.71	129	797	73	16 998	-1 211.5	1 922.8	1985	94 11
32	2.00	0.090	0.19	0.71	129	807	73	17 562	-1 275.1	1 962.0	1985	94 02 - ABAND 93 10
64	4.51	0.110	0.36	0.71	129	797	73	16 425	-1 172.5	1 892.3	1984	85 08
64	2.00	0.055	0.18	0.65	160	826	65	18 635	-1 262.2	1 988.3	1985	92 12 - ABAND 92 08
16	5.74	0.100	0.23	0.71	129	798	73	15 751	-1 182.0	1 876.9	1988	96 06
16	3.67	0.119	0.15	0.71	129	798	73	16 183	-1 179.3	1 861.3	1988	96 06
64	4.73	0.110	0.25	0.71	129	798	73	16 921	-1 154.7	1 885.0	1990	91 12 - GPP
16	1.00	0.110	0.15	0.71	129	797	73	17 566	-1 276.9	1 954.9	1990	96 06 - GPP
64	3.00	0.100	0.18	0.73	129	795	56	20 789	-1 285.6	1 964.0	1995	96 02 - GPP
64	6.90	0.160	0.11	0.73	123	802	76		-1 076.2	1 770.8	1996	97 07
128	8.50	0.110	0.22	0.80	106	823	76		-1 098.1	1 790.2	1996	97 09
252	12.96	0.120	0.43	0.74	120	825	58	17 578	-1 280.0	1 995.1	1993	97 11
32	3.00	0.130	0.41	0.80	58	832	55	7 916	-350.5	1 023.2	1980	92 12
64	1.30	0.110	0.59	0.75	115	898	37	7 146	-351.5	1 013.2	1989	92 03 - ABAND 91 09
16	6.00	0.100	0.30	0.70	140	760	45	10 273	-596.4	1 687.0	1984	96 06
128	2.60	0.160	0.30	0.89	36	835	86	23 124	-1 550.0	2 138.3	1988	94 01 - GPP
64	3.10	0.190	0.40	0.70	112	827	60	10 434	-613.9	1 348.2	1978	84 01 - ABAND 86 10
425	3.89	0.180	0.54	0.84	44	871	39	8 326	-337.4	1 184.8	1974	97 12 - GPP
64	3.00	0.220	0.33	0.84	54	871	40	8 574	-370.6	1 236.9	1984	85 07 - ABAND 86 12
32	5.50	0.170	0.43	0.91	33	869	39	5 720	-322.4	1 159.3	1993	93 11 - GPP
176	0.87	0.210	0.28	0.75	51	874	35	9 847	-375.5	1 188.2	1977	93 08 - GPP
159	7.77	0.250	0.21	0.82	64	856	45	8 922	-369.0	1 193.7	1984	90 09 - GPP
64	3.80	0.167	0.38	0.80	55	873	38	8 248	-364.4	1 194.5	1984	85 10 - GPP
64	2.90	0.190	0.47	0.75	110	870	30	8 267	-348.3	1 185.5	1984	85 10 - ABAND 86 10
691					66	868	37	9 460	-401.0	1 241.3	1984	94 12
32	1.40	0.220	0.27	0.82								
659	6.58	0.222	0.28	0.82								- GPP
205	3.80	0.220	0.30	0.80	64	868	48	9 422	-390.0	1 207.9	1985	87 08 - GPP
64	4.50	0.200	0.30	0.80	61	867	35	9 424	-394.7	1 231.5	1986	94 12 - GPP
58	3.80	0.210	0.24	0.82	67	847	48	9 857	-424.6	1 269.9	1991	96 07 - GPP
16	1.50	0.250	0.19	0.82	74	865	46	10 203	-425.7	1 269.6	1991	96 06 - ABAND 94 09
235	5.27	0.210	0.28	0.82	67	846	48	10 057	-432.6	1 268.7	1991	94 12
545	4.90	0.230	0.20	0.82	67	846	48	9 593	-417.7	1 260.5	1991	94 06 - GPP
16	5.00	0.190	0.39	0.82	67	846	48	9 118	-370.6	1 210.5	1992	96 06
64	2.50	0.210	0.32	0.83	64	845	46	7 925	-390.2	1 237.8	1995	95 10 - GPP
48	7.96	0.210	0.27	0.82	67	846	48	8 299	-389.0	1 199.2	1992	96 12 - GPP
16	2.00	0.130	0.43	0.86	51	855	48	8 926	-400.0	1 208.2	1993	93 12 - GPP
64	3.60	0.230	0.30	0.82	67	847	48	9 354	-409.0	1 244.5	1993	96 08 - GPP
32	7.08	0.190	0.34	0.82	67	846	48	8 435	-383.5	1 193.2	1992	96 05 - GPP
32	2.00	0.160	0.41	0.82	67	847	48	9 027	-410.2	1 254.5	1994	96 09

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 ENHANCED 10³m³	6 TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
HALKIRK 038-16W4 (CONTINUED)								
LOWER MANNVILLE F	1 160.0	0.10		116.0		116.0	79.9	36.1
LOWER MANNVILLE G	32.0	0.20		6.4		6.4	5.2	1.2
LOWER MANNVILLE J	300.0	0.25		75.0		75.0	63.3	11.7
LOWER MANNVILLE L	108.0	0.10		10.8		10.8	9.8	1.0
LOWER MANNVILLE M	115.0	0.10		11.5		11.5	4.7	6.8
LOWER MANNVILLE N	32.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE O	43.4	<0.02		0.7		0.7	0.7	
LOWER MANNVILLE P	137.0	0.02		2.7		2.7	2.7	
LOWER MANNVILLE Q	54.5	<0.05		2.5		2.5	2.5	
LOWER MANNVILLE R	107.0	0.10		10.7		10.7	0.1	10.6
LOWER MANNVILLE T	34.8	0.10		3.5		3.5	0.5	3.0
CAMROSE A	203.0	<0.02		3.2		3.2	3.2	
CAMROSE B	152.0	<0.08		11.1		11.1	11.1	
CAMROSE C	100.0	0.15		15.0		15.0	11.7	3.3
CAMROSE D	85.2	<0.01		0.4		0.4	0.4	
FIELD TOTAL	19 449.7			3 261.3	2 609.0	5 870.3	4 550.9	1 319.4
HALKIRK EAST 040-13W4								
VIKING A	1 597.0	0.03		47.9		47.9	38.3	9.6
VIKING C	52.9	<0.01		0.2		0.2	0.2	
GLAUCONITIC A	186.0	<0.02		2.4		2.4	2.4	
GLAUCONITIC B	206.0	<0.01		0.3		0.3	0.3	
GLAUCONITIC C	232.0	<0.01		1.9		1.9	1.9	
GLAUCONITIC D	332.0	0.05		16.6		16.6	9.2	7.4
GLAUCONITIC J	18.7	<0.04		0.6		0.6	0.6	
GLAUCONITIC Q	107.0	0.20		21.4		21.4	4.9	16.5
OSTRACOD A	25.3	<0.04		1.0		1.0	1.0	
ELLERSLIE A	1 254.0	0.30		376.0		376.0	226.9	149.1
ELLERSLIE B	549.0	0.60		329.0		329.0	292.2	36.8
ELLERSLIE D	61.7	<0.01		0.6		0.6	0.6	
ELLERSLIE E	1 025.0	0.40		410.0		410.0	313.9	96.1
ELLERSLIE F	947.0	0.34		322.0		322.0	301.3	20.7
ELLERSLIE G	528.0	0.30		158.0		158.0	129.1	28.9
ELLERSLIE H	52.0	0.25		13.0		13.0	8.8	4.2
ELLERSLIE I	454.0	0.45		204.0		204.0	187.0	17.0
ELLERSLIE J	106.0	0.30		31.8		31.8	26.1	5.7
ELLERSLIE K	3.3	0.02		0.1		0.1	0.1	
ELLERSLIE L	100.0	0.40		40.0		40.0	16.3	23.7
ELLERSLIE M	62.9	<0.05		2.7		2.7	2.7	
ELLERSLIE O	49.1	<0.08		3.9		3.9	3.9	
ELLERSLIE Q	158.0	<0.07		9.7		9.7	9.7	
ELLERSLIE T	23.6	0.35		8.3		8.3	3.9	4.4
ELLERSLIE AA	90.6	0.15		13.6		13.6	2.2	11.4
FIELD TOTAL	8 221.1			2 015.0		2 015.0	1 583.5	431.5
HAMELIN CREEK 080-06W6								
TRIASSIC A	728.0	0.12		87.4		87.4	83.3	4.1
TRIASSIC B	86.4	<0.06		5.1		5.1	5.1	
FIELD TOTAL	814.4			92.5		92.5	88.4	4.1
HANLAN 045-17W5								
BELLY RIVER A	50.6	<0.02		0.7		0.7	0.7	
FIELD TOTAL	50.6			0.7		0.7	0.7	
HANNA 031-14W4								
UPPER MANNVILLE B	105.0	0.10		10.5		10.5	3.8	6.7
LOWER MANNVILLE A	297.0	<0.01		0.3		0.3	0.3	
LOWER MANNVILLE L	162.0	<0.01		1.6		1.6	1.6	
LOWER MANNVILLE N	127.0	0.10		12.7		12.7	2.2	10.5
FIELD TOTAL	691.0			25.1		25.1	7.9	17.2
HARMATTAN EAST 032-03W5								
CARDIUM A	159.0	<0.01		0.2		0.2	0.2	
CARDIUM B	152.0	<0.01		0.2		0.2	0.2	

_ LIGHT-MEDIUM CRUDE OIL POOLS

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
448	3.39	0.180	0.47	0.80	98	843	37	9 137	-377.2	1 204.3	1974	84 05 - GPP
64	0.92	0.160	0.60	0.85	64	852	48	8 801	-347.5	1 180.0	1977	97 12 - GPP
191	1.29	0.220	0.31	0.80	74	867	37	9 231	-403.0	1 241.7	1984	94 12 - GPP
64	2.20	0.160	0.40	0.80	66	868	36	9 156	-392.8	1 228.8	1986	87 01 - GPP
64	2.00	0.160	0.30	0.80	74	867	37	9 205	-387.3	1 225.1	1986	87 02 - GPP
32	1.40	0.140	0.40	0.85	64	867	48	9 116	-416.7	1 251.5	1987	87 07
16	2.80	0.170	0.33	0.85	64	852	48	9 103	-414.7	1 256.1	1987	92 10 - ABAND 95 05
64	2.00	0.180	0.30	0.85	64	854	48	8 833	-422.5	1 263.5	1986	95 08 - ABAND 95 05
16	2.80	0.220	0.35	0.85	64	852	48	9 183	-402.2	1 219.2	1990	96 06 - GPP
64	2.50	0.140	0.44	0.85	64	851	48	8 464	-418.9	1 266.5	1995	95 07 - GPP
64	0.80	0.160	0.50	0.85	64	852	48		-386.5	1 220.2	1985	97 07 - GPP
64	7.00	0.070	0.19	0.80	36	868	53	9 830	-577.1	1 395.5	1984	89 12 - ABAND 92 05
32	9.10	0.075	0.13	0.80	36	878	53	10 249	-587.3	1 431.1	1984	89 12 - ABAND 89 10
22	10.36	0.061	0.20	0.90	84	882	53	9 981	-571.8	1 377.2	1983	92 04 - GPP
64	3.40	0.067	0.35	0.90	36	845	42	9 701	-532.4	1 369.0	1985	89 12 - ABAND 92 08
1 385	1.61	0.140	0.45	0.93	26	850	33	5 993	-113.9	829.6	1982	94 08 - GPP
64	0.90	0.170	0.40	0.90	37	854	33	5 825	-114.8	828.5	1982	82 11
32	5.76	0.160	0.30	0.90	37	880	35	7 438	-302.8	1 030.9	1983	96 12 - ABAND 96 11
128	2.00	0.190	0.47	0.80	52	855	39	7 316	-263.0	973.3	1984	92 10
64	3.00	0.200	0.33	0.90	38	875	37	7 701	-262.0	969.8	1986	87 05 - ABAND 90 04
64	3.90	0.190	0.24	0.92	35	875	34	7 227	-270.9	987.0	1988	96 08 - GPP
16	1.50	0.150	0.43	0.91	35	888	40	7 585	-277.8	949.0	1993	96 06 - GPP
16	6.50	0.180	0.36	0.89	45	870	35	6 716	-268.6	973.3	1996	96 07 - GPP
16	1.00	0.240	0.32	0.97	30	847	36	5 998	-262.6	973.1	1991	96 06 - ABAND 96 06
132	5.81	0.236	0.23	0.90	42	896	32	7 117	-283.3	994.1	1972	89 12 - GPP
65	5.10	0.242	0.24	0.90	43	870	35	6 949	-279.3	997.3	1983	97 12 - GPP
32	1.60	0.200	0.33	0.90	36	829	39	6 822	-284.7	1 003.3	1987	95 05 - ABAND 94 01
129	5.89	0.211	0.29	0.90	36	865	39	6 760	-283.1	995.7	1986	89 12 - GPP
76	7.36	0.236	0.22	0.92	48	897	37	6 574	-269.1	987.5	1987	96 08 - GPP
113	3.85	0.210	0.32	0.85	62	885	35	6 658	-274.8	984.9	1987	96 01 - GPP
8	4.30	0.210	0.20	0.90	42	896	32	6 729	-284.8	1 003.5	1983	96 12 - GPP
30	7.74	0.256	0.15	0.90	42	896	32	6 939	-280.3	977.2	1985	97 12 - GPP
8	8.65	0.226	0.25	0.90	42	896	32	7 516	-283.3	981.5	1984	89 12 - GPP
4	0.50	0.260	0.28	0.90	42	896	32	7 440	-282.3	959.4	1985	88 09 - ABAND 96 08
16	4.94	0.206	0.33	0.92	16	909	34	6 372	-268.0	983.2	1988	89 08 - GPP
16	3.50	0.190	0.35	0.91	37	899	35	7 338	-304.9	1 025.4	1989	96 06
16	2.72	0.210	0.41	0.91	37	899	35	6 832	-283.5	993.2	1990	96 06 - GPP
16	5.06	0.280	0.25	0.93	48	865	35	7 424	-315.2	1 041.8	1959	75 12 - ABAND 69 07
4	3.50	0.250	0.29	0.95	16	908	34	5 983	-262.6	972.2	1993	94 12 - GPP
16	4.98	0.190	0.37	0.95	16	908	34	7 568	-331.1	1 072.5	1995	96 04 - GPP
192	3.02	0.190	0.25	0.88	50	835	50	11 435	-571.6	1 185.7	1980	92 12 - GPP
32	2.44	0.195	0.34	0.86	58	834	50	10 944	-546.3	1 152.8	1988	96 06 - ABAND 97 05
16	5.20	0.120	0.35	0.78	93	800	63	14 027	-1 043.7	2 346.5	1992	96 06 - GPP
64	2.00	0.180	0.50	0.91	37	853	31	8 099	-312.9	1 136.4	1981	82 06 - GPP
65	3.05	0.250	0.30	0.86	52	865	31	9 123	-309.7	1 174.4	1970	72 07 - ABAND 72 05
64	2.30	0.200	0.36	0.86	70	867	32	9 382	-364.9	1 206.2	1981	90 12 - GPP
64	2.00	0.200	0.43	0.87	51	852	42	8 806	-371.4	1 206.5	1994	97 03 - GPP
64	3.90	0.100	0.15	0.75	35	806	64	15 385	-886.1	1 938.2	1979	83 12 - ABAND 84 05
64	4.80	0.141	0.56	0.80	83	815	59	15 685	-928.7	2 023.5	1979	83 12 - ABAND 90 12

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 ENHANCED 10^3m^3	6 TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
HARMATTAN EAST 032-03W5 (CONTINUED)								
CARDIUM C	25.2	<0.06		1.5		1.5	1.5	
CARDIUM D	258.0	0.03		7.7		7.7	5.7	2.0
CARDIUM E	74.9	0.05		3.7		3.7	1.7	2.0
VIKING C	122.0	<0.08		9.3		9.3	9.3	
VIKING E TOTAL	6 528.0			759.0	1 230.0	1 989.0	1 618.4	370.6
PRIMARY AREA	1 184.0	0.10		118.0		118.0		
WATER FLOOD AREA	5 344.0	0.12	0.23	641.0	1 230.0	1 871.0		
VIKING J	77.5	0.05		3.9		3.9	0.9	3.0
VIKING K	26.6	<0.05		1.1		1.1	1.1	
BLAIRMORE	288.0	<0.09		24.8		24.8	24.8	
NORDEGG A	136.0	<0.01		1.2		1.2	1.2	
RUNDLE TOTAL	33 840.0			10 040.0	2 289.0	12 330.0	11 635.4	694.6
PRIMARY AREA	1 139.0	0.20		228.0		228.0		
WATER FLOOD AREA	32 700.0	0.30	0.07	9 810.0	2 289.0	12 100.0		
RUNDLE D	308.0	0.06		18.5		18.5	13.6	4.9
FIELD TOTAL	41 995.2			10 871.1	3 519.0	14 391.1	13 314.0	1 077.1
HARMATTAN-ELKTON 031-04W5								
BELLY RIVER A	137.0	<0.01		0.1		0.1	0.1	
CARDIUM A	50.0	0.18		9.0		9.0	7.7	1.3
CARDIUM B	117.0	0.10		11.7		11.7	3.6	8.1
VIKING A	72.5	<0.01		0.3		0.3	0.3	
RUNDLE B	113.0	<0.08		8.9		8.9	8.9	
RUNDLE C	29 900.0	0.40		11 960.0		11 960.0	11 625.4	334.6
FIELD TOTAL	30 389.5			11 990.0		11 990.0	11 646.0	344.0
HARO 106-08W6								
KEG RIVER A	370.0	<0.01		2.0		2.0	2.0	
FIELD TOTAL *	370.0			2.0		2.0	2.0	
HAYNES 038-24W4								
D-2 B	209.0	<0.01		0.8		0.8	0.8	
D-2 C	469.0	0.35		164.0		164.0	89.0	75.0
D-2 A & D-3 A	2 512.0	0.25		628.0		628.0	556.7	71.3
D-3 B	389.0	0.15		58.4		58.4	42.8	15.6
FIELD TOTAL	3 579.0			851.2		851.2	689.3	161.9
HAYS 013-15W4								
ARCS S	255.0	0.10		25.5		25.5	1.8	23.7
FIELD TOTAL *	255.0			25.5		25.5	1.8	23.7
HERCULES 050-24W4								
WABAMUN A	225.0	0.10		22.5		22.5	10.6	11.9
WABAMUN B	67.3	<0.03		1.7		1.7	1.7	
FIELD TOTAL	292.3			24.2		24.2	12.3	11.9
HERRONTON 019-25W4								
ELLERSLIE B	118.0	0.10		11.8		11.8	0.1	11.7
TURNER VALLEY A	466.0	<0.01		2.5		2.5	2.5	
TURNER VALLEY B	778.0	0.17		132.0		132.0	72.0	60.0
TURNER VALLEY C	677.0	0.05		33.9		33.9	16.3	17.6
TURNER VALLEY D	46.8	<0.01		0.1		0.1	0.1	
TURNER VALLEY G	65.0	<0.01		0.1		0.1	0.1	
TURNER VALLEY H	90.1	<0.01		0.2		0.2	0.2	
TURNER VALLEY K	3 199.0	0.02		64.0		64.0	11.8	52.2
TURNER VALLEY M	79.0	0.10		7.9		7.9	0.5	7.4
FIELD TOTAL	5 518.9			252.5		252.5	103.6	148.9
HIGH PRAIRIE 073-16W5								
GILWOOD A	480.0	0.25		120.0		120.0	67.6	52.4
GILWOOD B	603.0	0.17		103.0		103.0	88.7	14.3
GILWOOD C	130.0	0.15		19.5		19.5	12.5	7.0
GILWOOD D	98.9	<0.03		2.0		2.0	2.0	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
64	0.90	0.080	0.30	0.78	80	851	61	15 831	-948.8	2 051.9	1983	96 06 - GPP
64	4.00	0.150	0.15	0.79	79	785	61	15 666	-928.2	1 995.5	1981	86 12 - GPP
64	2.50	0.075	0.20	0.78	80	850	61	15 651	-923.6	1 978.9	1982	86 05 - GPP
32	8.30	0.077	0.30	0.85	60	844	67	17 239	-1 260.5	2 350.6	1981	96 06 - GPP
4 873					58	840	56	10 410	-1 134.7	2 193.4	1979	88 03
1 037	1.89	0.104	0.30	0.83								
3 836	2.69	0.096	0.35	0.83								
64	3.88	0.080	0.50	0.78	100	840	51	10 474	-1 125.8	2 200.6	1982	83 05 - GPP
16	4.99	0.078	0.39	0.70	160	790	67	17 210	-1 265.4	2 369.8	1982	96 06 - GPP
65	5.49	0.150	0.17	0.65	177	834	77	28 999	-1 388.4	2 451.2	1961	61 09 - ABAND 75 07
64	7.70	0.075	0.45	0.67	170	820	90	25 139	-1 378.0	2 459.2	1980	88 12 - ABAND 86 01
5 095					171	834	85	23 691	-1 516.3	2 608.2	1954	96 10 - GPP
448	6.08	0.080	0.22	0.67								
4 647	9.02	0.137	0.15	0.67								
64	14.10	0.060	0.15	0.67	171	834	85	22 969	-1 353.2	2 409.9	1984	96 08 - GPP
64	3.19	0.123	0.40	0.91	32	839	46	13 071	-561.0	1 670.3	1985	85 11 - ABAND 86 01
64	2.17	0.060	0.25	0.80	80	816	62	20 835	-1 230.6	2 394.1	1980	93 12 - GPP
64	2.50	0.100	0.15	0.86	52	833	79	28 145	-1 228.0	2 403.3	1986	87 01 - GPP
32	6.80	0.060	0.33	0.83	63	840	63	28 607	-1 310.6	2 408.0	1990	92 12 - ABAND 92 09
65	2.77	0.126	0.23	0.65	158	825	93	22 496	-1 632.3	2 715.3	1962	74 02 - ABAND 72 02
4 491	9.56	0.128	0.20	0.68	172	844	94	22 649	-1 654.9	2 783.9	1954	89 12 - GPP
64	16.90	0.060	0.08	0.62	193	807	84	17 722	-1 431.0	2 000.3	1982	83 05 - ABAND 86 03
121	5.40	0.060	0.24	0.70	143	823	67	13 574	-996.1	1 873.1	1990	96 06 - ABAND 92 12
128	8.72	0.080	0.25	0.70	143	823	61	13 380	-998.6	1 838.5	1993	96 08 - GPP
1 236	7.75	0.050	0.24	0.69	148	825	61	16 428	-1 002.3	1 846.0	1968	92 11 - GPP
162	5.00	0.080	0.22	0.77	108	822	58	13 848	-1 020.4	1 897.2	1990	96 08 - GPP
32	10.60	0.130	0.35	0.89	49	883	35		-545.3	1 330.7	1997	97 10
64	7.90	0.080	0.36	0.87	52	870	47	9 021	-513.8	1 256.7	1980	81 08 - GPP
16	11.10	0.110	0.59	0.84	60	839	54	9 734	-536.6	1 270.3	1989	96 06 - GPP
32	6.30	0.140	0.47	0.79	100	848	52	16 516	-852.3	1 887.8	1995	96 02 - GPP
64	8.30	0.150	0.24	0.77	91	842	52	16 653	-792.6	1 790.1	1989	95 06 - ABAND 95 02
176	5.56	0.120	0.23	0.86	35	883	44	15 562	-778.6	1 789.2	1991	97 12 - GPP
64	11.00	0.130	0.14	0.86	90	880	45	15 572	-775.4	1 815.1	1992	92 11 - GPP
16	4.00	0.130	0.27	0.77	91	842	52	15 055	-778.9	1 752.8	1994	96 06 - GPP
16	6.5	0.110	0.29	0.80	82	858	48	10 198	-802.2	1 799.0	1993	96 03 - ABAND 95 11
16	8.50	0.120	0.31	0.80	82	858	48	12 959	-792.8	1 787.0	1993	96 06 - GPP
507	6.86	0.180	0.27	0.70	146	824	66	16 905	-831.1	1 830.3	1995	97 07 - GPP
16	7.50	0.110	0.18	0.73	87	853	55		-765.3	1 779.3	1995	97 09
128	4.58	0.130	0.30	0.90	33	849	81	24 535	-1 681.9	2 320.9	1986	88 05 - GPP
181	4.35	0.145	0.40	0.88	43	840	81	24 657	-1 681.5	2 316.7	1987	94 12 - GPP
32	4.99	0.156	0.40	0.87	36	835	86	24 508	-1 682.8	2 316.3	1987	97 05 - GPP
32	3.28	0.168	0.37	0.89	36	868	86	24 039	-1 629.4	2 241.2	1987	92 10

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
HIGH PRAIRIE 073-16W5 (CONTINUED)								
GILWOOD E	95.9	<0.11		10.2		10.2	10.2	
GILWOOD F	783.0	0.25		196.0		196.0	100.4	95.6
GILWOOD G	338.0	0.25		84.5		84.5	51.2	33.3
GILWOOD H	141.0	0.05		7.1		7.1	7.1	
GILWOOD I	234.0	0.12		28.1		28.1	21.6	6.5
GILWOOD J	178.0	0.15		26.7		26.7	21.4	5.3
GILWOOD K	115.0	<0.01		1.1		1.1	1.1	
GILWOOD L	76.7	0.35		26.8		26.8	19.5	7.3
GILWOOD M	14.2	0.10		1.4		1.4	1.0	0.4
GILWOOD N	68.3	<0.01		0.2		0.2	0.2	
GILWOOD O	60.8	<0.03		1.3		1.3	1.3	
FIELD TOTAL	3 416.8			627.9		627.9	405.8	222.1
HIGH RIVER 018-30W4								
SAWTOOTH A	46.0	0.20		9.2		9.2	8.4	0.8
WABAMUN A	200.0	<0.06		10.5		10.5	10.5	
FIELD TOTAL	246.0			19.7		19.7	18.9	0.8
HIGHVALE 051-04W5								
CARDIUM C	2 456.0	0.13		319.0		319.0	299.2	19.8
CARDIUM D	605.0	0.10		60.5		60.5	29.0	31.5
CARDIUM G	58.9	<0.04		2.2		2.2	2.2	
LOWER MANNVILLE A TOTAL	4 813.0			265.0	221.0	486.0	420.6	65.4
PRIMARY AREA	2 363.0	0.05		118.0		118.0		
WATER FLOOD AREA	2 450.0	0.06	0.09	147.0	221.0	368.0		
LOWER MANNVILLE B	172.0	<0.08		13.0		13.0	12.3	0.7
LOWER MANNVILLE D	102.0	0.10		10.2		10.2	7.2	3.0
LOWER MANNVILLE I	131.0	<0.03		3.4		3.4	3.4	
LOWER MANNVILLE J	102.0	<0.04		3.3		3.3	3.3	
LOWER MANNVILLE P	244.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE R	590.0	0.10		59.0		59.0	46.4	12.6
LOWER MANNVILLE S	33.8	<0.09		2.8		2.8	2.8	
LOWER MANNVILLE T	50.2	<0.05		2.5		2.5	2.5	
LOWER MANNVILLE U	605.0	0.10		60.5		60.5	34.1	26.4
LOWER MANNVILLE V	74.1	0.15		11.1		11.1	7.0	4.1
LOWER MANNVILLE W	53.1	0.15		8.0		8.0	5.0	3.0
NORDEGG E	73.7	<0.01		0.3		0.3	0.3	
NORDEGG D & BANFF H	7 118.0	0.05		356.0		356.0	222.4	133.6
NORDEGG F & BANFF R	733.0	0.02		14.7		14.7	12.7	2.0
BANFF A	3 544.0	0.08		284.0		284.0	234.3	49.7
BANFF B	287.0	0.05		14.4		14.4	12.2	2.2
BANFF E	277.0	0.05		13.9		13.9	12.7	1.2
BANFF F	375.0	<0.01		1.0		1.0	1.0	
BANFF K	80.9	<0.01		0.1		0.1	0.1	
BANFF M	134.0	<0.08		9.4		9.4	9.4	
BANFF P	371.0	0.15		55.7		55.7	45.8	9.9
BANFF S	104.0	<0.02		1.7		1.7	1.7	
BANFF T	190.0	0.05		9.5		9.5	4.7	4.8
BANFF U	422.0	0.04		16.9		16.9	1.2	15.7
BANFF V	25.9	0.15		3.9		3.9	0.9	3.0
BANFF W	226.0	0.05		11.3		11.3	0.6	10.7
FIELD TOTAL	24 051.6			1 613.4	221.0	1 834.4	1 435.1	399.3
HOLBURN 050-01W5								
GLAUCONITIC D	140.0	0.10		14.0		14.0	2.9	11.1
FIELD TOTAL	140.0			14.0		14.0	2.9	11.1
HOMEGLEN-RIMBEY 043-01W5								
BELLY RIVER B	73.8	0.10		7.4		7.4	3.1	4.3
ELLERSLIE A	156.0	<0.01		0.1		0.1	0.1	
PEKISKO A	334.0	0.05		16.7		16.7	9.0	7.7
PEKISKO C	218.0	0.10		21.8		21.8	4.9	16.9
PEKISKO E	73.0	0.10		7.3		7.3	0.4	6.9
BANFF C	44.4	0.10		4.4		4.4	0.6	3.8
D-3	17 420.0	0.17		2 961.0		2 961.0	2 130.0	831.0

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
32	3.30	0.170	0.40	0.89	36	835	86	24 556	-1 680.8	2 327.8	1987	96 06 - GPP
192	4.62	0.146	0.32	0.89	36	835	86	24 542	-1 678.0	2 311.3	1987	88 12 - GPP
128	3.93	0.130	0.42	0.89	36	835	85	23 961	-1 624.6	2 242.4	1987	88 05 - GPP
64	2.54	0.157	0.38	0.89	36	835	75	22 591	-1 618.0	2 259.1	1987	94 01 - ABAND 93 09
64	3.79	0.155	0.30	0.89	36	935	86	23 523	-1 624.4	2 240.9	1987	96 07
64	3.94	0.139	0.43	0.89	36	935	80	24 627	-1 674.0	2 359.7	1987	89 03 - GPP
64	2.00	0.160	0.37	0.89	36	835	86	23 763	-1 622.1	2 259.8	1988	89 03 - ABAND 90 07
64	2.20	0.120	0.49	0.89	36	835	86	23 738	-1 678.8	2 319.3	1988	97 12 - GPP
32	0.83	0.120	0.50	0.89	36	835	86	23 845	-1 669.0	2 302.4	1988	97 10 - GPP
64	2.00	0.120	0.50	0.89	36	835	86	24 756	-1 681.4	2 320.0	1988	94 11 - GPP
16	4.79	0.170	0.47	0.88	43	840	97	24 124	-1 685.0	2 303.0	1989	96 12 - ABAND 96 11
64	1.67	0.084	0.36	0.80	100	850	69	21 991	-1 618.6	2 769.2	1980	97 12 - GPP
64	4.00	0.150	0.20	0.65	190	825	91	25 666	-1 842.1	2 935.1	1956	75 12 - ABAND 71 07
1 848	1.26	0.140	0.19	0.93	22	871	39	15 474	-329.9	1 103.3	1980	90 12 - GPP
600	1.16	0.110	0.15	0.93	22	871	39	15 570	-350.6	1 131.6	1981	90 05 - GPP
16	3.30	0.150	0.20	0.93	28	874	38	13 009	-351.2	1 090.9	1984	96 06
4 098					84	870	53	16 845	-809.3	1 578.3	1976	91 12
2 720	1.07	0.150	0.34	0.82								
1 378	2.19	0.150	0.34	0.82								- GPP
64	3.60	0.140	0.35	0.82	90	855	54	17 047	-818.0	1 582.3	1979	97 12
64	1.85	0.150	0.30	0.82	86	870	56	17 416	-820.2	1 586.5	1978	81 10 - GPP
64	1.80	0.180	0.23	0.82	84	865	43	15 052	-756.3	1 516.9	1980	89 12
64	2.50	0.120	0.35	0.82	68	862	50	16 584	-829.7	1 625.8	1982	89 12
64	5.95	0.130	0.40	0.82	82	882	56	14 508	-800.0	1 597.0	1983	84 10 - ABAND 85 05
192	3.02	0.170	0.27	0.82	82	882	56	15 849	-789.8	1 568.4	1985	88 02
16	2.40	0.165	0.35	0.82	82	870	56	16 935	-818.5	1 567.2	1983	96 06 - GPP
16	3.00	0.150	0.15	0.82	82	882	56	14 178	-771.9	1 492.2	1985	96 06 - GPP
100	5.29	0.170	0.18	0.82	82	850	56	15 619	-781.4	1 511.1	1985	90 12
64	0.80	0.210	0.16	0.82	82	882	56	14 889	-739.2	1 512.4	1983	97 12
32	1.91	0.140	0.31	0.90	219	886	54	15 607	-785.8	1 463.2	1986	97 12 - GPP
64	3.20	0.080	0.40	0.75	108	880	55	17 191	-871.4	1 568.4	1979	92 10 - ABAND 97 07
1 116	6.96	0.200	0.42	0.79	102	869	54	17 691	-846.6	1 613.0	1981	91 12 - GPP
192	4.63	0.167	0.39	0.81	112	889	57	17 258	-879.9	1 575.7	1981	90 02 - GPP
464	7.50	0.180	0.31	0.82	117	870	60	16 875	-798.3	1 591.5	1978	90 09 - GPP
64	4.05	0.220	0.33	0.75	117	870	60	16 983	-818.0	1 582.7	1977	80 01 - GPP
32	7.03	0.200	0.25	0.82	89	870	60	16 418	-794.1	1 610.4	1978	93 04 - GPP
64	8.00	0.122	0.25	0.80	88	870	57	18 649	-813.3	1 627.5	1981	85 12 - ABAND 85 12
64	2.00	0.150	0.48	0.81	88	866	56	15 211	-813.3	1 495.6	1983	83 10 - ABAND 83 09
16	7.42	0.215	0.36	0.82	117	870	60	16 076	-805.5	1 577.9	1977	96 06 - GPP
64	4.59	0.220	0.30	0.82	117	870	60	16 320	-803.5	1 560.5	1980	94 12 - GPP
32	3.72	0.152	0.30	0.82	10	865	27	18 107	-875.2	1 633.0	1979	89 12 - ABAND 93 09
32	6.38	0.190	0.41	0.83	85	851	56	17 575	-896.0	1 662.0	1987	88 11 - GPP
32	11.10	0.220	0.35	0.83	85	851	56	14 164	-736.6	1 501.7	1994	96 08
32	1.30	0.110	0.30	0.81	88	865	56	18 861	-840.7	1 622.0	1981	96 02 - GPP
32	4.60	0.250	0.26	0.83	85	851	56	15 768	-804.8	1 606.0	1996	96 07
64	3.10	0.150	0.39	0.77	95	867	62		-668.9	1 381.1	1996	97 07 - GPP
32	3.80	0.170	0.58	0.85	58	882	65	5 630	-84.4	960.8	1994	96 02 - GPP
64	2.70	0.150	0.25	0.80	60	898	53	11 796	-856.1	1 752.0	1980	83 12
64	11.20	0.075	0.27	0.85	60	825	65	15 593	-991.1	1 885.3	1985	96 08
32	13.50	0.090	0.34	0.85	49	897	70	16 022	-962.4	1 866.8	1994	96 01
32	6.90	0.050	0.24	0.87	48	877	71		-923.7	1 867.3	1996	97 11 - GPP
32	1.70	0.120	0.15	0.80	80	890	72	16 249	-944.6	1 888.2	1996	96 10 - GPP
5 244	7.40	0.080	0.15	0.66	165	811	83	19 483	-1 453.2	2 385.0	1953	97 12 - GPP

TABLE 2-6

FIELD POOL	1	2	3	4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
HOMEGLEN-RIMBEY 043-01W5 (CONTINUED)								
D-3 B	700.0	0.20		140.0		140.0	102.9	37.1
D-3 C	161.0	0.06		9.7		9.7	8.6	1.1
D-3 D	145.0	0.20		29.0		29.0	1.8	27.2
FIELD TOTAL	19 325.2			3 197.4		3 197.4	2 261.4	936.0
HONEYSUCKLE 046-26W4								
BELLY RIVER A & B	179.0	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE B	231.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL	410.0			0.2		0.2	0.2	
HOOKER 015-29W4								
JURASSIC A	95.3	0.15		14.3		14.3	10.9	3.4
JURASSIC B	73.1	<0.08		5.8		5.8	5.8	
FIELD TOTAL	168.4			20.1		20.1	16.7	3.4
HOTCHKISS 093-25W5								
GILWOOD B	500.0	0.10		50.0		50.0	35.6	14.4
GILWOOD C	921.0	0.30		276.0		276.0	110.6	165.4
GILWOOD D	1 644.0	0.25		411.0		411.0	143.2	267.8
GILWOOD E	107.0	<0.01		0.9		0.9	0.9	
GILWOOD I	79.2	0.15		11.9		11.9	4.4	7.5
GILWOOD J	38.2	<0.01		0.1		0.1	0.1	
GILWOOD L	279.0	0.20		55.8		55.8	4.6	51.2
FIELD TOTAL	3 568.4			805.7		805.7	299.4	506.3
HUSSAR 025-20W4								
VIKING N	113.0	<0.05		5.3		5.3	5.3	
UPPER MANNVILLE B	96.0	0.10		9.6		9.6	0.7	8.9
GLAUCONITIC A	6 980.0	0.60		4 188.0		4 188.0	3 656.6	531.4
GLAUCONITIC B	1 300.0	0.03		39.0		39.0	30.1	8.9
GLAUCONITIC C	37.0	<0.06		2.1		2.1	2.1	
GLAUCONITIC E	842.0	0.07		58.9		58.9	55.7	3.2
GLAUCONITIC F	74.0	0.06		4.4		4.4	4.4	
GLAUCONITIC G	926.0	0.07		64.8		64.8	59.3	5.5
GLAUCONITIC H	108.0	<0.08		8.1		8.1	8.1	
GLAUCONITIC J	263.0	0.10		26.3		26.3	17.3	9.0
GLAUCONITIC K	119.0	<0.04		4.6		4.6	4.6	
GLAUCONITIC U	400.0	0.25		100.0		100.0	79.5	20.5
GLAUCONITIC X	227.0	0.10		22.7		22.7	18.0	4.7
GLAUCONITIC BB	636.0	0.10		63.6		63.6	59.2	4.4
GLAUCONITIC DD	219.0	<0.04		7.3		7.3	7.3	
GLAUCONITIC SS	173.0	<0.01		0.3		0.3	0.3	
GLAUCONITIC VV	216.0	0.10		21.6		21.6	14.3	7.3
GLAUCONITIC YY	221.0	<0.02		2.8		2.8	2.8	
GLAUCONITIC FFF	32.6	<0.07		2.0		2.0	2.0	
GLAUCONITIC NNN	632.0	0.05		31.6		31.6	18.5	13.1
GLAUCONITIC RRR	90.9	<0.01		0.8		0.8	0.8	
GLAUCONITIC SSS	1 173.0	0.10		117.0		117.0	111.0	6.0
GLAUCONITIC TTT	55.3	0.10		5.5		5.5	4.3	1.2
GLAUCONITIC VVV	71.9	<0.01		0.1		0.1	0.1	
GLAUCONITIC B2B	71.8	<0.03		1.5		1.5	1.5	
GLAUCONITIC H2H	104.0	0.10		10.4		10.4	4.3	6.1
GLAUCONITIC L2L	170.0	0.07		11.9		11.9	9.4	2.5
GLAUCONITIC M2M	190.0	0.05		9.5		9.5	3.6	5.9
GLAUCONITIC T2T	66.8	<0.01		0.4		0.4	0.4	
GLAUCONITIC W2W WATER FLOOD	484.0	0.15	0.25	72.6	121.0	194.0	111.4	82.6
GLAUCONITIC S,BASAL MANNVILLE M & FFF	300.0	0.10		30.0		30.0	29.6	0.4
GLAUCONITIC C3C	106.0	0.15		15.9		15.9	2.9	13.0
OSTRACOD C	79.5	0.02		1.6		1.6	1.6	
OSTRACOD H	48.7	0.01		0.5		0.5	0.5	
OSTRACOD P	125.0	<0.10		11.7		11.7	11.7	
OSTRACOD X	158.0	0.05		7.9		7.9	5.1	2.8
OSTRACOD BB	54.6	<0.01		0.3		0.3	0.3	
OSTRACOD CC	111.0	<0.07		7.1		7.1	7.1	
OSTRACOD FF	88.7	<0.06		5.3		5.3	5.3	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
105	12.20	0.100	0.30	0.78	159	810	83	11 060	-1 485.2	2 390.4	1983	90 12 - GPP
32	12.60	0.090	0.33	0.66	160	820	83	10 814	-1 477.8	2 381.8	1985	96 12 - GPP
32	7.50	0.090	0.15	0.79	69	807	84	10 820	-1 478.6	2 386.4	1995	96 07
16	9.59	0.190	0.31	0.89	50	848	36	4 715	212.3	586.3	1991	95 10 - ABAND 95 07
32	13.70	0.110	0.43	0.84	58	910	65	11 760	-627.0	1 419.9	1990	92 10 - ABAND 92 08
64	2.01	0.105	0.15	0.83	120	880	72	27 802	-1 688.5	2 790.8	1980	96 12 - GPP
32	3.85	0.110	0.35	0.83	63	880	66	36 971	-1 769.8	2 947.0	1980	96 06 - GPP
129	5.76	0.120	0.34	0.85	53	860	77	21 075	-1 379.5	2 119.4	1991	95 12 - GPP
118	7.95	0.150	0.23	0.85	53	860	77	21 023	-1 385.9	2 157.4	1991	97 01 - GPP
344	6.36	0.130	0.32	0.85	53	860	77	20 945	-1 381.7	2 137.3	1991	97 03 - GPP
16	7.80	0.150	0.33	0.85	92	830	79	19 658	-1 387.5	2 166.3	1994	96 06
32	3.20	0.140	0.35	0.85	53	860	77	20 578	-1 383.2	2 149.9	1994	95 05 - GPP
16	3.90	0.120	0.40	0.85	53	860	77	20 821	-1 371.4	2 143.7	1991	96 06
32	9.50	0.140	0.22	0.84	65	836	76	20 782	-1 371.2	2 081.8	1993	97 03
64	1.83	0.190	0.40	0.85	58	850	39	8 371	-346.9	1 244.2	1963	92 07 - ABAND 68 10
16	8.00	0.150	0.39	0.82	56	856	45		-450.7	1 384.5	1996	97 11 - GPP
675	7.07	0.210	0.14	0.81	82	844	46	10 401	-538.0	1 453.6	1957	97 12 - GPP
192	5.31	0.210	0.25	0.81	81	860	46	9 967	-520.0	1 431.6	1956	79 12 - GPP
16	1.83	0.200	0.21	0.80	82	860	45	9 974	-521.0	1 426.3	1958	64 04
90	6.11	0.225	0.16	0.81	78	849	41	9 949	-448.3	1 367.0	1959	79 12 - GPP
32	1.83	0.200	0.21	0.80	83	860	40	10 482	-476.3	1 341.6	1959	64 04 - ABAND 68 07
209	2.96	0.221	0.23	0.88	80	860	41	9 908	-522.2	1 362.0	1960	93 10 - GPP
21	3.70	0.210	0.18	0.80	80	860	44	9 996	-534.7	1 406.4	1962	79 01 - ABAND 78 11
192	1.86	0.140	0.36	0.82	80	838	44	10 494	-544.7	1 425.4	1977	82 05 - GPP
65	1.43	0.200	0.20	0.80	80	860	43	9 723	-551.9	1 416.1	1959	83 12 - GPP
174	2.11	0.210	0.36	0.81	80	860	36	10 078	-496.4	1 400.2	1964	95 09
65	2.74	0.210	0.25	0.81	62	839	46	10 116	-504.8	1 433.5	1960	77 04 - GPP
177	3.05	0.210	0.30	0.80	82	844	44	10 404	-535.1	1 418.2	1963	69 08 - GPP
64	3.07	0.170	0.18	0.80	80	860	43	9 863	-536.0	1 396.1	1968	94 11 - ABAND 93 09
64	3.00	0.150	0.25	0.80	66	857	40	10 335	-475.4	1 408.0	1979	81 12 - ABAND 92 10
64	4.40	0.160	0.40	0.80	88	860	49	10 842	-582.2	1 463.2	1978	80 02 - GPP
128	2.75	0.140	0.44	0.80	72	849	43	10 604	-531.5	1 407.4	1979	88 12
64	0.70	0.140	0.35	0.80	86	847	43	10 478	-503.7	1 403.7	1980	89 12 - ABAND 88 01
117	7.59	0.140	0.38	0.82	56	856	45	9 891	-451.2	1 392.0	1979	89 12 - GPP
16	5.50	0.210	0.40	0.82	56	857	45	11 665	-523.0	1 485.3	1982	94 12 - ABAND 94 01
708	1.53	0.202	0.33	0.80	86	860	44	10 030	-477.9	1 432.0	1960	83 06 - GPP
64	1.00	0.180	0.40	0.80	86	860	44	10 022	-476.8	1 447.0	1979	83 06 - GPP
64	1.40	0.150	0.34	0.81	79	847	46	11 590	-514.8	1 380.2	1980	84 01
64	1.50	0.170	0.45	0.80	82	844	43	10 385	-469.1	1 386.1	1984	84 12 - ABAND 88 07
64	2.00	0.190	0.48	0.82	56	857	45	9 974	-470.3	1 426.7	1980	86 10 - GPP
64	2.90	0.200	0.44	0.82	56	857	45	9 782	-455.3	1 384.7	1990	94 12 - GPP
64	5.50	0.140	0.53	0.82	56	857	45	9 841	-430.3	1 337.4	1990	91 09
32	2.30	0.210	0.46	0.80	79	842	46	9 546	-532.0	1 498.8	1994	95 11 - ABAND 94 12
124	3.03	0.230	0.30	0.80	79	842	46	10 773	-573.0	1 466.2	1994	96 01 - GPP
146	2.16	0.170	0.30	0.80	82	849	44	10 305	-496.6	1 417.9	1964	82 12 - GPP
32	3.40	0.180	0.34	0.82	56	857	45	10 001	-516.2	1 391.4	1995	96 08
64	0.76	0.230	0.10	0.79	82	860	54	10 343	-534.7	1 439.7	1958	68 03 - ABAND 61 09
16	2.44	0.200	0.21	0.79	82	860	46	10 277	-525.7	1 397.1	1959	68 03 - ABAND 63 04
64	1.23	0.230	0.15	0.81	62	860	49	10 103	-490.9	1 398.6	1965	81 12 - ABAND 88 05
64	2.16	0.250	0.42	0.79	64	865	37	10 037	-442.2	1 309.2	1977	88 12 - GPP
64	1.50	0.160	0.55	0.79	80	857	54	9 496	-505.9	1 469.0	1980	83 01 - ABAND 82 10
64	2.00	0.180	0.40	0.80	56	857	41	9 329	-482.9	1 399.9	1980	92 10
64	1.30	0.180	0.26	0.80	84	841	40	10 047	-543.0	1 430.4	1984	96 06 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
HUSSAR 025-20W4 (CONTINUED)								
OSTRACOD GG	55.7	<0.01		0.1		0.1	0.1	
BASAL MANNVILLE A	105.0	<0.04		3.6		3.6	3.6	
BASAL MANNVILLE C	222.0	0.10		22.2		22.2	19.2	3.0
BASAL MANNVILLE E	212.0	<0.02		2.8		2.8	2.8	
BASAL MANNVILLE G	111.0	<0.02		1.2		1.2	1.2	
BASAL MANNVILLE H	281.0	<0.01		0.2		0.2	0.2	
BASAL MANNVILLE L	35.1	<0.08		2.7		2.7	2.7	
BASAL MANNVILLE N	318.0	0.08		25.4		25.4	25.0	0.4
BASAL MANNVILLE P	250.0	<0.05		12.3		12.3	12.3	
BASAL MANNVILLE Q	953.0	<0.06		56.0		56.0	56.0	
BASAL MANNVILLE Y	175.0	0.10		17.5		17.5	16.2	1.3
BASAL MANNVILLE KK	75.2	<0.01		0.3		0.3	0.3	
BASAL MANNVILLE OO	1 093.0	0.09		98.4		98.4	88.6	9.8
BASAL MANNVILLE QQ	113.0	0.05		5.7		5.7	1.6	4.1
BASAL MANNVILLE SS	163.0	<0.02		1.9		1.9	1.9	
BASAL MANNVILLE UU	71.7	0.05		3.6		3.6	1.0	2.6
BASAL MANNVILLE I&Z	276.0	0.14		38.6		38.6	37.8	0.8
BASAL MANNVILLE O,J & GGG TOTAL	2 001.0			200.0	95.5	296.0	245.3	50.7
PRIMARY AREA	90.8	0.10		9.1		9.1		
WATER FLOOD AREA	1 910.0	0.10	0.05	191.0	95.5	287.0		
BASAL MANNVILLE AAA	1 228.0	0.02		24.6		24.6	12.3	12.3
BASAL MANNVILLE JJJ	227.0	0.15		34.1		34.1	5.9	28.2
BASAL QUARTZ B	221.0	0.04		8.8		8.8	3.2	5.6
PEKISKO B	143.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL	25 493.5			5 533.1	216.5	5 750.5	4 894.3	856.2
HUTCH 112-22W5								
SLAVE POINT B	2 548.0	0.05		127.0		127.0	5.7	121.3
FIELD TOTAL	2 548.0			127.0		127.0	5.7	121.3
HUXLEY 034-24W4								
LOWER MANNVILLE B	292.0	0.05		14.6		14.6	8.4	6.2
LOWER MANNVILLE C	38.8	<0.07		2.6		2.6	2.6	
FIELD TOTAL	330.8			17.2		17.2	11.0	6.2
HYTHE 073-10W6								
HALFWAY B	119.0	0.10		11.9		11.9	7.4	4.5
HALFWAY C	330.0	0.05		16.5		16.5	13.5	3.0
HALFWAY D	121.0	0.10		12.1		12.1	3.2	8.9
HALFWAY E	66.4	<0.04		2.5		2.5	2.4	0.1
HALFWAY F	1 331.0	0.10		133.0		133.0	48.8	84.2
HALFWAY K	168.0	0.10		16.8		16.8	3.7	13.1
FIELD TOTAL	2 135.4			192.8		192.8	79.0	113.8
INNISFAIL 034-01W5								
BELLY RIVER A	844.0	<0.02		10.0		10.0	10.0	
BELLY RIVER B	267.0	<0.01		0.2		0.2	0.2	
BELLY RIVER C	295.0	0.05		14.8		14.8	6.9	7.9
BLAIRMORE	87.6	<0.07		5.6		5.6	5.6	
D-3	19 700.0	0.68		13 400.0		13 400.0	13 021.5	378.5
FIELD TOTAL	21 193.6			13 430.6		13 430.6	13 044.2	386.4
IOSEGUN 067-20W5								
MONTNEY A	41.7	0.30		12.5		12.5	6.4	6.1
NISKU A	86.9	<0.07		5.6		5.6	5.6	
FIELD TOTAL	128.6			18.1		18.1	12.0	6.1
IRON SPRINGS 011-20W4								
BOW ISLAND A	50.4	0.10		5.0		5.0	4.3	0.7
FIELD TOTAL	50.4			5.0		5.0	4.3	0.7
IRRICANA 029-26W4								
WABAMUN D	45.7	0.20		9.1		9.1	0.7	8.4

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
64	1.00	0.200	0.50	0.87	50	854	38	9 828	-440.9	1 279.5	1984	85 07 - ABAND 85 12
33	2.13	0.220	0.14	0.80	82	849	46	10 342	-546.3	1 447.3	1957	68 03 - ABAND 63 07
64	2.74	0.200	0.21	0.80	82	849	47	10 435	-539.3	1 451.6	1952	71 03 - GPP
32	6.40	0.168	0.23	0.80	82	849	44	10 220	-495.4	1 418.9	1959	64 04 - ABAND 63 04
16	5.79	0.200	0.25	0.80	82	849	43	10 408	-502.2	1 399.8	1960	96 06 - GPP
32	7.32	0.200	0.25	0.80	82	849	43	10 084	-510.8	1 416.1	1960	68 03 - ABAND 61 12
16	1.83	0.200	0.25	0.80	82	849	46	10 115	-544.3	1 449.3	1958	77 07 - GPP
133	2.13	0.200	0.30	0.80	82	849	42	10 276	-513.8	1 421.5	1964	83 12 - GPP
65	4.57	0.150	0.30	0.80	82	849	44	10 268	-521.0	1 426.0	1964	83 12 - ABAND 88 05
317	2.32	0.200	0.19	0.80	82	849	46	10 677	-588.8	1 457.8	1959	96 06 - GPP
65	2.32	0.200	0.26	0.79	82	849	42	9 955	-483.4	1 426.8	1959	86 12 - GPP
65	1.83	0.120	0.35	0.81	84	849	44	10 269	-532.8	1 409.7	1969	70 08 - ABAND 95 01
144	11.40	0.160	0.48	0.80	61	877	37	10 271	-541.0	1 435.2	1977	97 12 - GPP
64	2.00	0.170	0.35	0.80	82	840	43	11 362	-620.6	1 520.5	1979	80 11 - GPP
16	11.50	0.170	0.35	0.80	63	865	39	8 810	-489.6	1 499.7	1980	92 11 - GPP
64	2.00	0.140	0.50	0.80	84	857	42	10 748	-590.7	1 481.9	1980	90 07 - GPP
50	4.78	0.190	0.24	0.80	84	849	38	10 414	-535.5	1 439.8	1955	90 12 - GPP
405					81	849	44	10 097	-509.8	1 413.7	1964	94 07
48	2.19	0.180	0.40	0.80								
357	6.13	0.176	0.38	0.80								- GPP
128	12.46	0.150	0.41	0.87	52	861	49	10 100	-542.2	1 416.0	1985	88 08 - GPP
64	2.75	0.250	0.37	0.82	56	857	45		-505.6	1 439.2	1996	97 10
64	4.80	0.180	0.50	0.80	70	870	30	9 803	-452.6	1 335.8	1981	96 08 - GPP
64	5.00	0.080	0.32	0.82	75	854	47	10 259	-576.1	1 441.5	1980	81 10 - ABAND 83 02
626	8.73	0.070	0.26	0.90	42	883	40	9 754	-723.6	1 126.8	1986	96 04 - GPP
64	4.10	0.160	0.20	0.87	47	875	62	9 873	-734.8	1 593.7	1988	90 12 - GPP
16	3.10	0.120	0.25	0.87	47	875	62	10 119	-719.4	1 578.3	1988	96 06 - GPP
64	5.50	0.063	0.20	0.67	155	825	62	22 007	-1 454.8	2 202.9	1978	82 12 - GPP
128	5.36	0.093	0.25	0.69	250	827	75	22 449	-1 440.0	2 179.0	1981	96 08 - GPP
64	5.45	0.080	0.36	0.68	188	830	62	22 204	-1 471.9	2 230.5	1979	86 02 - GPP
16	10.84	0.073	0.24	0.69	149	826	64	21 971	-1 447.1	2 221.9	1985	96 06 - GPP
536	5.00	0.100	0.28	0.69	149	823	64	22 343	-1 480.9	2 258.4	1986	95 02 - GPP
32	11.00	0.090	0.23	0.69	149	823	64	23 134	-1 433.6	2 187.1	1994	95 11 - GPP
128	9.08	0.150	0.45	0.88	36	816	36	8 531	-286.0	1 208.2	1982	95 02 - ABAND 94 10
64	6.15	0.140	0.45	0.88	36	815	43	8 430	-274.3	1 195.5	1983	88 12 - ABAND 85 06
32	11.90	0.160	0.45	0.88	36	876	43	8 528	-287.6	1 292.8	1983	89 12 - GPP
16	4.88	0.200	0.15	0.66	154	834	78	17 052	-1 112.0	2 055.7	1956	96 06
3 034	23.47	0.060	0.13	0.53	300	806	92	24 694	-1 662.2	2 648.2	1957	92 12 - GPP
64	1.00	0.110	0.26	0.80	109	854	63	14 948	-906.7	1 704.7	1990	92 11 - GPP
64	2.50	0.080	0.13	0.78	95	910	66	31 123	-1 817.5	2 583.6	1984	96 05 - ABAND 95 11
64	0.93	0.150	0.40	0.94	25	876	21	5 652	7.8	868.2	1977	85 08 - GPP
16	7.10	0.070	0.13	0.66	167	828	83		-1 231.6	2 184.5	1995	97 10

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
IRRICANA 029-26W4 (CONTINUED)								
WABAMUN E	78.7	0.20		15.7		15.7	1.0	14.7
FIELD TOTAL	124.4			24.8		24.8	1.7	23.1
JAYAR 062-03W6								
DUNVEGAN A	3 452.0	0.07		242.0		242.0	191.4	50.6
DUNVEGAN B	233.0	0.12		28.0		28.0	25.7	2.3
DUNVEGAN C	324.0	0.10		32.4		32.4	23.6	8.8
DUNVEGAN D	191.0	0.06		11.5		11.5	3.3	8.2
DUNVEGAN E	215.0	0.04		8.6		8.6	5.1	3.5
FIELD TOTAL	4 415.0			322.5		322.5	249.1	73.4
JOAN 091-10W5								
GRANITE WASH A	69.5	<0.08		5.5		5.5	5.5	
GRANITE WASH B	183.0	<0.02		3.6		3.6	3.6	
GRANITE WASH C	180.0	0.45		81.0		81.0	57.1	23.9
FIELD TOTAL	432.5			90.1		90.1	66.2	23.9
JOARCAM 048-21W4								
VIKING TOTAL	42 520.0			16 640.0	3 048.0	19 690.0	18 772.2	917.8
PRIMARY AREA	15 310.0	0.44		6 736.0		6 736.0		
WATER FLOOD AREA	27 210.0	<0.37	0.11	9 898.0	3 048.0	12 950.0		
VIKING C	115.0	0.10		11.5		11.5	6.5	5.0
VIKING K	11.2	0.01		0.1		0.1	0.1	
WABAMUN A	146.0	<0.01		0.2		0.2	0.2	
FIELD TOTAL	42 792.2			16 651.8	3 048.0	19 701.8	18 779.0	922.8
JOFFRE 038-26W4								
VIKING TOTAL	14 830.0			2 481.0	3 970.0	6 451.0	6 082.2	368.8
PRIMARY AREA	325.0	0.12		39.0		39.0		
SOLVENT FLOOD AREA	2 306.0	<0.17	0.38	387.0	883.0	1 270.0		
WATER FLOOD AREA	12 200.0	<0.17	0.25	2 055.0	3 087.0	5 142.0		
VIKING B	380.0	0.35		133.0		133.0	124.7	8.3
VIKING C	130.0	0.05		6.5		6.5	3.2	3.3
VIKING D	340.0	0.15		51.0		51.0	47.6	3.4
VIKING E	123.0	0.15		18.5		18.5	11.3	7.2
VIKING H	43.9	0.50		22.0		22.0	11.1	10.9
VIKING I	824.0	0.18		148.0		148.0	122.1	25.9
VIKING K	37.3	0.20		7.5		7.5	3.8	3.7
VIKING M	2 120.0	0.10		212.0		212.0	55.5	156.5
VIKING P	95.6	0.10		9.6		9.6	0.5	9.1
BLAIRMORE A	192.0	<0.04		5.8		5.8	5.8	
BLAIRMORE B	304.0	<0.11		32.8		32.8	32.8	
BLAIRMORE F	76.1	<0.04		2.5		2.5	2.5	
BLAIRMORE L	37.9	0.15		5.7		5.7	5.0	0.7
BLAIRMORE M	8.8	<0.05		0.4		0.4	0.4	
BLAIRMORE O	80.2	0.10		8.0		8.0	6.1	1.9
BLAIRMORE P	52.4	<0.02		0.7		0.7	0.7	
BLAIRMORE CC	83.9	0.05		4.2		4.2	0.4	3.8
BLAIRMORE EE	69.3	0.05		3.5		3.5	0.2	3.3
BLAIRMORE FF	151.0	0.10		15.1		15.1	1.9	13.2
D-2 TOTAL	28 450.0			7 113.0	1 333.0	8 446.0	7 766.2	679.8
PRIMARY AREA	1 801.0	0.25		450.0		450.0		
WATER FLOOD AREA	26 650.0	0.25	0.05	6 663.0	1 333.0	7 996.0		
D-2 B	345.0	0.20		69.0		69.0	26.5	42.5
D-2 C	80.4	<0.01		0.6		0.6	0.6	
D-2 D	223.0	0.07		15.6		15.6	6.9	8.7
D-3 A	30.3	<0.05		1.4		1.4	1.4	
D-3 B SOLVENT FLOOD	1 650.0	0.40	0.30	660.0	495.0	1 155.0	856.7	298.3
D-3 C	55.7	<0.01		0.3		0.3	0.3	
D-3 D	133.0	<0.01		0.9		0.9	0.9	
D-3 E	78.6	<0.04		2.5		2.5	2.5	
FIELD TOTAL	51 025.4			11 031.1	5 798.0	16 829.1	15 179.8	1 649.3
JOHNSON 017-14W4								
DETRITAL A	13.9	<0.02		0.2		0.2	0.2	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
16	10.90	0.090	0.24	0.66	166	828	86		-1 254.4	2 211.8	1996	97 10
758	9.10	0.110	0.30	0.65	185	752	66	23 812	-1 303.7	2 335.9	1979	94 12 - GPP
64	7.84	0.102	0.30	0.65	185	752	76	23 910	-1 336.8	2 394.0	1981	95 12 - GPP
100	7.79	0.100	0.36	0.65	155	832	74	21 827	-1 236.8	2 488.3	1982	95 01 - GPP
64	7.22	0.091	0.30	0.65	185	825	66	23 962	-1 268.7	2 537.6	1981	96 08 - GPP
64	7.83	0.100	0.37	0.68	165	824	66	21 758	-1 275.7	2 520.6	1988	96 08 - GPP
32	3.30	0.153	0.50	0.86	48	828	38	15 368	-921.0	1 481.3	1982	96 06 - GPP
64	3.10	0.165	0.35	0.86	55	830	35	15 733	-927.3	1 477.7	1982	95 08 - ABAND 90 08
80	2.20	0.190	0.39	0.88	47	833	38	15 373	-921.7	1 471.9	1995	97 12 - GPP
9 035					34	834	36	6 225	-239.6	983.0	1949	96 10 - GPP
3 818	3.14	0.197	0.28	0.90								
5 217	4.17	0.193	0.28	0.90								
128	0.95	0.170	0.38	0.90	45	859	32	5 719	-213.8	992.5	1949	97 12 - GPP
16	1.30	0.100	0.40	0.90	43	852	34	5 878	-226.2	994.7	1987	88 08 - ABAND 88 09
64	6.50	0.075	0.45	0.85	64	836	40	7 520	-418.0	1 188.8	1980	84 12 - GPP
8 210					67	820	51	7 414	-553.2	1 414.2	1953	93 12 - GPP
539	1.08	0.111	0.38	0.81								
1 064	3.89	0.111	0.38	0.81								
6 607	3.31	0.111	0.38	0.81								
785	0.83	0.120	0.40	0.81	66	817	56	8 180	-593.3	1 470.3	1955	97 12 - GPP
128	1.55	0.120	0.34	0.83	70	817	30	9 130	-696.1	1 603.3	1959	85 08 - GPP
500	1.06	0.120	0.34	0.81	66	817	56	7 771	-644.7	1 594.9	1981	88 12 - GPP
128	3.00	0.070	0.43	0.80	99	820	44	8 454	-705.1	1 559.4	1985	86 08 - GPP
51	1.20	0.150	0.41	0.81	67	821	56	7 714	-527.2	1 384.7	1990	92 11 - GPP
2 926	0.46	0.120	0.37	0.81	67	821	56	10 290	-669.4	1 577.9	1994	97 09
64	1.00	0.120	0.40	0.81	67	821	56	10 335	-696.1	1 595.5	1994	96 05
1 753	2.30	0.110	0.41	0.81	67	821	56	7 385	-630.9	1 616.2	1995	97 09
64	6.00	0.060	0.50	0.83	66	814	61		-702.5	1 600.2	1996	97 06
32	7.96	0.130	0.28	0.80	71	860	71	14 130	-873.0	1 754.1	1957	64 04 - ABAND 70 06
162	2.44	0.130	0.25	0.79	76	860	67	14 550	-892.3	1 732.9	1958	88 12 - ABAND 85 09
65	2.44	0.100	0.40	0.80	84	870	67	14 295	-850.1	1 724.0	1975	75 12 - ABAND 87 08
64	1.46	0.080	0.35	0.78	91	878	69	13 509	-882.3	1 734.2	1985	97 12 - GPP
16	0.90	0.120	0.35	0.78	91	879	69	14 749	-871.7	1 801.6	1987	96 06 - GPP
64	1.50	0.120	0.14	0.81	79	891	70	13 622	-898.0	1 831.7	1988	89 10 - GPP
16	5.00	0.130	0.37	0.80	83	832	54	14 096	-731.9	1 673.5	1985	96 06 - GPP
64	2.80	0.100	0.40	0.78	91	879	69	11 342	-838.8	1 845.9	1995	96 10
32	3.70	0.140	0.49	0.82	76	860	61		-921.7	1 831.4	1996	97 05
32	7.30	0.150	0.50	0.86	58	877	58		-852.8	1 852.2	1996	97 05
11 080					130	815	77	17 549	-1 272.3	2 182.6	1956	93 11 - GPP
740	6.86	0.060	0.19	0.73								
10 340	10.42	0.044	0.23	0.73								
64	9.80	0.080	0.15	0.81	76	892	61	13 540	-1 008.6	1 857.4	1992	92 07 - GPP
32	5.70	0.080	0.32	0.81	76	867	58	13 607	-1 016.5	1 893.0	1992	94 11 - ABAND 93 04
64	11.89	0.050	0.22	0.75	100	838	66	13 582	-1 013.2	1 903.3	1992	96 08 - GPP
64	0.90	0.080	0.10	0.73	110	824	79	15 774	-1 246.0	2 212.5	1964	86 01 - ABAND 86 06
61	48.65	0.090	0.13	0.71	140	832	72	16 620	-1 246.3	2 156.3	1985	96 11 - GPP
16	9.00	0.060	0.14	0.75	111	832	74	16 476	-1 210.0	2 120.8	1986	96 06
16	14.40	0.090	0.10	0.71	135	829	78	18 560	-1 354.1	2 286.7	1987	92 11 - ABAND 89 08
32	4.27	0.090	0.10	0.71	140	832	72	18 117	-1 315.8	2 223.5	1959	93 07 - ABAND 61 11
16	1.00	0.220	0.52	0.82	70	888	54	10 745	-265.6	1 033.0	1983	83 10 - ABAND 83 10

TABLE 2-6

FIELD POOL	1	2	3	4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
JOHNSON 017-14W4 (CONTINUED)								
FIELD TOTAL *	13.9			0.2		0.2	0.2	
JOSEPHINE 083-09W6								
KISKATINAW B	149.0	<0.01		1.1		1.1	1.1	
FIELD TOTAL	149.0			1.1		1.1	1.1	
JUDY CREEK 063-11W5								
VIKING A	6 000.0	0.17		1 020.0		1 020.0	921.1	98.9
VIKING D	307.0	<0.01		0.1		0.1	0.1	
PEKISKO A	115.0	<0.01		0.1		0.1	0.1	
BEAVERHILL LAKE A TOTAL	126 200.0			20 190.0	38 190.0	58 380.0	52 435.3	5 944.7
PRIMARY AREA	235.0	0.12		28.2		28.2		
SOLVENT FLOOD AREA	74 360.0	0.16	0.34	11 900.0	25 280.0	37 180.0		
WATER FLOOD AREA	51 640.0	0.16	0.25	8 262.0	12 910.0	21 170.0		
BEAVERHILL LAKE B TOTAL	43 000.0			8 600.0	12 080.0	20 680.0	17 455.7	3 224.3
SOLVENT FLOOD AREA	19 940.0	0.20	0.34	3 988.0	6 780.0	10 770.0		
WATER FLOOD AREA	23 060.0	0.20	0.23	4 612.0	5 304.0	9 916.0		
BEAVERHILL LAKE C	275.0	<0.12		31.7		31.7	31.7	
BEAVERHILL LAKE D	60.8	0.15		9.1		9.1	1.8	7.3
FIELD TOTAL	175 957.8			29 851.0	50 270.0	80 121.0	70 845.8	9 275.2
JUDY CREEK SOUTH 062-11W5								
BEAVERHILL LAKE TOTAL	1 783.0			356.0	259.0	615.0	571.9	43.1
PRIMARY AREA	487.0	0.20		97.4		97.4		
WATER FLOOD AREA	1 296.0	0.20	0.20	259.0	259.0	518.0		
BEAVERHILL LAKE C	1 500.0	0.10		150.0		150.0	119.9	30.1
BEAVERHILL LAKE D	283.0	<0.01		0.6		0.6	0.6	
BEAVERHILL LAKE E	275.0	0.04		11.0		11.0	3.9	7.1
FIELD TOTAL	3 841.0			517.6	259.0	776.6	696.3	80.3
JUMPBUSH 020-19W4								
BOW ISLAND A	219.0	0.04		8.8		8.8	6.5	2.3
UPPER MANNVILLE A	3 230.0	0.35		1 131.0		1 131.0	846.9	284.1
UPPER MANNVILLE B	420.0	0.16		67.2		67.2	63.4	3.8
UPPER MANNVILLE E	384.0	<0.11		39.0		39.0	39.0	
UPPER MANNVILLE F TOTAL	996.0			299.0	55.4	354.0	225.8	128.2
PRIMARY AREA	442.0	0.30		133.0		133.0		
WATER FLOOD AREA	554.0	0.30	0.10	166.0	55.4	221.0		
UPPER MANNVILLE G	102.0	<0.01		0.8		0.8	0.8	
UPPER MANNVILLE H	400.0	0.20		80.0		80.0	77.5	2.5
UPPER MANNVILLE I	959.0	0.20		192.0		192.0	87.2	104.8
UPPER MANNVILLE J	269.0	0.10		26.9		26.9	25.8	1.1
UPPER MANNVILLE K	29.4	<0.08		2.2		2.2	2.2	
UPPER MANNVILLE M	398.0	0.20		79.6		79.6	66.0	13.6
UPPER MANNVILLE N	228.0	0.25		57.0		57.0	42.6	14.4
UPPER MANNVILLE O	99.8	0.15		15.0		15.0	12.4	2.6
UPPER MANNVILLE P	388.0	0.15		58.2		58.2	34.9	23.3
UPPER MANNVILLE Q	143.0	0.10		14.3		14.3	6.4	7.9
UPPER MANNVILLE T	194.0	0.10		19.4		19.4	1.0	18.4
LOWER MANNVILLE A	66.0	<0.02		0.9		0.9	0.9	
LOWER MANNVILLE B	147.0	<0.02		2.1		2.1	2.1	
FIELD TOTAL	8 672.2			2 093.4	55.4	2 148.4	1 541.4	607.0
JUMPING POUND 026-05W5								
VIKING A & B	269.0	0.05		13.5		13.5	3.3	10.2
FIELD TOTAL	269.0			13.5		13.5	3.3	10.2
KAKUT 075-03W6								
CHARLIE LAKE A	360.0	0.15		54.0		54.0	41.2	12.8

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
64	4.90	0.097	0.30	0.70	150	904	51	15 225	-1 062.4	1 749.7	1975	82 12 - ABAND 87 10
4 210	1.46	0.170	0.34	0.87	48	839	54	9 177	-364.2	1 428.7	1960	95 12 - GPP
65	4.57	0.170	0.30	0.87	51	849	48	8 464	-398.3	1 487.0	1977	83 12 - GPP
32	7.50	0.070	0.22	0.88	47	921	61	12 963	-615.0	1 523.3	1988	89 03 - ABAND 88 12
13 059					122	820	96	24 106	-1 577.6	2 629.8	1959	97 03
64	12.30	0.050	0.16	0.71								
5 502	25.18	0.090	0.16	0.71								- GPP
7 493	12.84	0.090	0.16	0.71								- GPP
4 565					184	815	97	24 856	-1 632.0	2 692.8	1959	97 07 - GPP
1 392	30.75	0.092	0.17	0.61								
3 173	15.60	0.092	0.17	0.61								
128	6.96	0.060	0.17	0.62	184	815	97	24 147	-1 638.7	2 786.1	1962	96 06 - GPP
64	2.66	0.068	0.26	0.71	131	820	96	24 243	-1 587.9	2 543.8	1988	89 05 - GPP
726					229	815	85	24 997	-1 652.0	2 723.4	1960	90 12
256	6.45	0.060	0.18	0.60								
470	8.12	0.069	0.18	0.60								- GPP
1 230	3.08	0.068	0.18	0.71	112	815	84	23 210	-1 653.0	2 731.6	1960	85 12 - GPP
128	8.50	0.050	0.35	0.80	176	828	92	24 183	-1 667.7	2 699.5	1984	88 12 - ABAND 90 07
64	12.80	0.080	0.40	0.70	131	820	96	24 887	-1 675.6	2 662.5	1985	96 08 - GPP
64	4.80	0.140	0.44	0.91	32	860	36	7 481	-301.8	1 171.2	1991	96 08 - GPP
320	7.10	0.220	0.24	0.85	75	876	41	11 990	-438.1	1 384.1	1978	95 04 - GPP
142	2.50	0.190	0.25	0.83	73	846	40	11 462	-421.3	1 337.3	1976	97 12 - GPP
128	2.10	0.210	0.20	0.85	75	876	41	11 961	-434.5	1 351.6	1977	96 06 - GPP
309					93	865	39	12 123	-487.1	1 344.0	1976	96 03
158	4.29	0.170	0.52	0.80								
151	5.40	0.170	0.50	0.80								
64	1.70	0.180	0.35	0.80	90	865	36	12 611	-485.6	1 354.5	1980	83 12 - ABAND 87 06
131	2.30	0.200	0.20	0.83	73	846	40	11 398	-424.0	1 329.0	1972	90 12
128	4.30	0.250	0.17	0.84	72	861	40	11 389	-423.2	1 303.5	1984	97 08 - GPP
32	5.00	0.260	0.22	0.83	73	857	40	11 283	-421.4	1 306.5	1987	91 12
32	0.80	0.180	0.25	0.85	80	871	48	11 928	-430.3	1 342.1	1987	96 06 - GPP
80	4.00	0.200	0.25	0.83	73	846	40	11 246	-422.6	1 310.0	1979	97 12 - GPP
32	4.14	0.250	0.20	0.86	65	868	40	11 160	-442.0	1 350.2	1988	97 12
64	1.61	0.190	0.40	0.85	75	876	41	11 756	-444.0	1 397.8	1979	92 04 - GPP
32	7.73	0.250	0.27	0.86	65	868	40	10 268	-444.0	1 366.8	1992	96 12 - GPP
32	4.30	0.160	0.22	0.83	69	860	35	11 089	-423.4	1 316.3	1985	92 12 - GPP
32	4.70	0.250	0.40	0.86	67	876	40	7 389	-442.6	1 375.7	1996	96 12
16	3.08	0.210	0.25	0.85	56	887	41	11 491	-466.1	1 405.8	1977	89 12 - ABAND 90 03
64	4.02	0.140	0.52	0.85	62	855	43	11 569	-539.0	1 415.0	1977	90 12 - ABAND 93 04
16	24.80	0.110	0.30	0.88	68	839	65	8 871	-946.6	2 189.9	1992	93 02
247	1.88	0.134	0.32	0.85	68	847	49	13 815	-795.3	1 510.0	1982	85 11 - GPP

TABLE 2-6

	1	2	3	4	5	6	7	8
FIELD POOL	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
KAKUT 075-03W6 (CONTINUED)								
CHARLIE LAKE B WATER FLOOD	1 210.0	0.20	0.15	242.0	182.0	424.0	317.6	106.4
FIELD TOTAL	1 570.0			296.0	182.0	478.0	358.8	119.2
KAKWA 063-05W6								
MAIN CARDIUM A	2 601.0	<0.09		225.0		225.0	181.6	43.4
MAIN CARDIUM E	225.0	0.05		11.3		11.3	0.1	11.2
A CARDIUM A TOTAL	11 570.0			2 055.0	981.0	3 036.0	2 243.8	792.2
PRIMARY AREA	6 407.0	0.20		1 281.0		1 281.0		
GAS FLOOD AREA	5 163.0	0.15	0.19	774.0	981.0	1 755.0		
C CARDIUM A	1 331.0	0.05		66.6		66.6	62.8	3.8
C CARDIUM B	324.0	0.09		29.2		29.2	25.1	4.1
C CARDIUM C	120.0	<0.01		0.2		0.2	0.2	
DUNVEGAN B	99.9	<0.02		1.7		1.7	1.7	
DUNVEGAN C	186.0	<0.07		11.9		11.9	11.9	
FIELD TOTAL	16 456.9			2 400.9	981.0	3 381.9	2 527.2	854.7
KARR 066-02W6								
DUNVEGAN A	68.4	<0.01		0.1		0.1	0.1	
DUNVEGAN C	54.5	<0.03		1.4		1.4	1.4	
DUNVEGAN E	86.8	0.10		8.7		8.7	0.3	8.4
NIKANASSIN A	112.0	0.15		16.8		16.8	6.3	10.5
NIKANASSIN C	93.7	0.05		4.7		4.7	0.4	4.3
BEAVERHILL LAKE A	714.0	0.40		286.0		286.0	205.3	80.7
BEAVERHILL LAKE B	72.3	0.15		10.8		10.8	6.4	4.4
FIELD TOTAL	1 201.7			328.5		328.5	220.2	108.3
KAYBOB 064-19W5								
GETHING C	186.0	<0.01		0.1		0.1	0.1	
GETHING D	205.0	0.02		4.1		4.1	1.2	2.9
GETHING I	33.3	<0.01		0.2		0.2	0.2	
GETHING K	5 762.0	<0.02		80.7		80.7	80.7	
GETHING O	921.0	0.05		46.1		46.1	37.0	9.1
GETHING W	98.1	<0.04		3.4		3.4	3.4	
ROCK CREEK A	88.8	<0.02		1.7		1.7	1.7	
TRIASSIC A	53.3	0.03		1.6		1.6	1.6	
TRIASSIC B WATER FLOOD	3 144.0	<0.11	0.05	315.0	157.0	472.0	53.9	418.1
TRIASSIC C	223.0	0.10		22.3		22.3	2.2	20.1
TRIASSIC D	84.9	0.10		8.5		8.5	0.6	7.9
NISKU C	275.0	<0.03		7.5		7.5	7.5	
NISKU D	412.0	0.10		41.2		41.2	3.3	37.9
BEAVERHILL LAKE A TOTAL	44 350.0			7 093.0	12 760.0	19 850.0	18 846.3	1 003.7
PRIMARY AREA	351.0	0.15		52.7		52.7		
SOLVENT FLOOD AREA	34 000.0	0.16	0.30	5 440.0	10 360.0	15 800.0		
WATER FLOOD AREA	10 000.0	0.16	0.24	1 600.0	2 400.0	4 000.0		
BEAVERHILL LAKE B	1 315.0	0.20		263.0		263.0	218.9	44.1
BEAVERHILL LAKE D	95.2	0.05		4.8		4.8	2.3	2.5
GRANITE WASH A	78.7	<0.02		1.2		1.2	1.2	
FIELD TOTAL	57 325.3			7 894.4	12 917.0	20 808.4	19 262.1	1 546.3
KAYBOB SOUTH 060-19W5								
SECOND WHITE SPECKS A	200.0	0.10		20.0		20.0	12.2	7.8
SECOND WHITE SPECKS B	136.0	0.15		20.4		20.4	5.4	15.0
DUNVEGAN A	174.0	<0.02		2.4		2.4	2.4	
DUNVEGAN B	808.0	<0.03		16.9		16.9	16.9	
DUNVEGAN E	104.0	0.10		10.4		10.4	0.9	9.5
UPPER MANNVILLE D & TRIASSIC B	300.0	0.20		60.0		60.0	42.4	17.6
BLUESKY A	63.9	<0.01		0.6		0.6	0.6	
BLUESKY L	66.2	0.05		3.3		3.3	2.7	0.6
BLUESKY P	123.0	0.10		12.3		12.3	5.8	6.5
BLUESKY D & V	500.0	0.03		15.0		15.0	12.5	2.5
TRIASSIC A TOTAL	34 910.0			5 890.0	13 080.0	18 970.0	17 252.2	1 717.8

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 D· YEAR	21 DATE LAST REVIEWED AND REMARKS
768	1.19	0.195	0.14	0.79	86	813	63	13 164	-742.5	1 416.8	1984	94 04 - GPP
832	6.56	0.095	0.24	0.66	192	790	53	20 561	-791.6	1 822.2	1979	93 08
32	13.90	0.100	0.21	0.64	189	802	53	13 365	-890.5	1 943.5	1993	95 11 - GPP
11 852					254	794	52	21 702	-856.6	1 828.2	1978	97 12
8 297	1.50	0.110	0.22	0.60								
3 555	2.44	0.124	0.20	0.60								- GPP
1 490	1.37	0.130	0.15	0.59	253	780	52	21 415	-799.7	1 813.1	1979	95 12
204	2.61	0.120	0.14	0.59	268	790	55	20 632	-778.5	1 809.0	1980	97 12 - GPP
32	9.48	0.100	0.37	0.63	192	775	51	13 347	-735.3	1 736.9	1957	94 11 - ABAND 94 01
64	5.20	0.110	0.58	0.65	160	811	74	23 923	-1 393.4	2 346.1	1981	88 12 - ABAND 87 11
64	5.10	0.120	0.35	0.73	165	830	67	23 949	-1 397.6	2 457.8	1980	96 06
32	3.62	0.120	0.40	0.82	72	837	49	13 018	-779.4	1 627.9	1984	86 01 - ABAND 95 12
16	5.54	0.121	0.38	0.82	68	847	48	14 570	-957.9	1 834.7	1986	96 06 - GPP
16	13.50	0.100	0.51	0.82	68	846	48	11 018	-854.5	1 729.8	1988	95 09 - GPP
64	2.50	0.130	0.10	0.60	246	823	90	22 709	-1 599.5	2 358.0	1988	90 11 - GPP
32	4.40	0.110	0.11	0.68	161	823	78	12 588	-1 604.2	2 407.1	1989	96 03 - GPP
120	16.30	0.080	0.20	0.57	270	789	117	61 097	-3 003.8	3 772.9	1995	97 12 - GPP
32	6.70	0.080	0.26	0.57	250	789	117	59 299	-3 047.4	3 864.5	1995	97 09
64	6.70	0.100	0.49	0.85	48	885	71	14 042	-949.8	1 754.2	1981	83 12
64	2.70	0.170	0.17	0.84	96	874	60	14 275	-979.2	1 753.9	1981	97 11
16	2.20	0.150	0.30	0.90	34	941	54	14 859	-966.5	1 760.1	1986	88 01 - ABAND 88 06
1 040	5.82	0.160	0.30	0.85	57	887	73	14 557	-1 022.0	1 810.2	1960	96 06 - GPP
175	5.50	0.170	0.33	0.84	64	874	60	14 477	-1 052.9	1 839.0	1985	93 11 - GPP
16	7.49	0.150	0.35	0.84	70	874	60	14 435	-1 047.5	1 828.9	1985	96 06 - ABAND 97 03
16	8.50	0.140	0.37	0.74	126	893	71	14 100	-857.9	1 673.7	1990	96 06 - GPP
64	1.24	0.137	0.30	0.70	117	828	79	16 822	-1 138.3	1 924.1	1986	93 12 - ABAND 92 08
384	11.30	0.140	0.31	0.75	90	829	76	15 189	-1 018.6	1 797.3	1994	97 09
32	11.00	0.120	0.34	0.80	90	830	76	15 142	-1 009.2	1 772.9	1995	97 01
32	4.80	0.100	0.30	0.79	81	837	75		-1 024.6	1 775.4	1996	97 08
16	36.00	0.072	0.15	0.78	100	837	74	21 934	-1 799.0	2 541.5	1978	92 11 - GPP
32	29.30	0.070	0.14	0.73	117	844	86	19 697	-1 798.7	2 540.0	1995	95 08
6 948					199	811	113	32 038	-2 212.6	2 980.9	1957	90 12
128	9.88	0.064	0.30	0.62								
5 000	17.82	0.076	0.19	0.62								- GPP
1 820	18.57	0.062	0.23	0.62								- GPP
808	6.54	0.060	0.32	0.61	435	797	109	30 904	-2 151.0	2 945.2	1961	95 12
64	3.20	0.100	0.25	0.62	199	811	113	30 858	-2 236.1	3 025.7	1991	95 11 - GPP
32	1.22	0.280	0.20	0.90	34	844	43	26 081	-2 323.8	3 066.9	1955	96 12 - ABAND 58 03
64	4.00	0.150	0.35	0.80	84	824	52	18 200	-799.4	1 629.0	1981	82 01 - GPP
64	6.00	0.080	0.35	0.68	141	812	69	19 561	-842.6	1 671.0	1995	96 03
64	3.64	0.160	0.40	0.78	94	830	60	16 537	-1 128.6	2 002.8	1977	79 11 - ABAND 83 01
256	4.33	0.130	0.34	0.85	82	831	55	13 796	-739.8	1 685.3	1976	96 06 - GPP
32	5.50	0.100	0.25	0.79	99	871	60	15 963	-738.6	1 541.3	1978	96 09 - GPP
192	2.09	0.130	0.19	0.71	123	815	86		-1 422.5	2 400.0	1995	97 12 - GPP
65	1.52	0.120	0.28	0.75	103	829	82	13 255	-1 088.5	2 024.8	1976	83 12 - ABAND 80 02
64	1.90	0.110	0.34	0.75	100	842	73	14 925	-1 292.5	2 242.1	1993	97 03 - GPP
64	2.40	0.130	0.23	0.80	93	880	55	16 480	-1 166.6	2 045.0	1994	95 12
189	4.32	0.120	0.32	0.75	100	842	70	13 998	-1 270.8	2 196.0	1991	97 03 - GPP
8 652					123	815	86	17 295	-1 249.7	2 125.2	1962	97 12

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
KAYBOB SOUTH 060-19W5 (CONTINUED)								
PRIMARY AREA	611.0	0.17		104.0		104.0		
SOLVENT FLOOD AREA	14 500.0	<0.17	0.38	2 420.0	5 555.0	7 975.0		
WATER FLOOD AREA	19 800.0	0.17	0.38	3 366.0	7 524.0	10 890.0		
TRIASSIC D	163.0	0.10		16.3		16.3	0.9	15.4
NISKU C	234.0	0.60		140.0		140.0	62.6	77.4
FIELD TOTAL	37 782.1			6 207.6	13 080.0	19 287.6	17 417.5	1 870.1
KEHO 011-22W4								
COLORADO A	388.0	<0.08		28.8		28.8	28.8	
COLORADO C	111.0	0.10		11.1		11.1	1.1	10.0
BOW ISLAND C	345.0	<0.02		5.4		5.4	5.4	
BOW ISLAND F	276.0	0.10		27.6		27.6	26.8	0.8
BOW ISLAND G WATER FLOOD	414.0	0.10	0.07	41.4	29.0	70.4	64.9	5.5
BOW ISLAND H	99.8	<0.05		4.4		4.4	4.4	
ELKTON A	192.0	<0.06		11.1		11.1	11.1	
PEKISKO A	242.0	<0.02		2.7		2.7	2.7	
FIELD TOTAL *	2 067.8			132.5	29.0	161.5	145.2	16.3
KELSEY 044-18W4								
LOWER MANNVILLE A	37.7	<0.03		0.8		0.8	0.8	
LOWER MANNVILLE B	1 185.0	0.10		119.0		119.0	14.8	104.2
FIELD TOTAL	1 222.7			119.8		119.8	15.6	104.2
KIDNEY 092-05W5								
SLAVE POINT A	246.0	<0.01		1.0		1.0	1.0	
SLAVE POINT B	166.0	<0.01		0.1		0.1	0.1	
SLAVE POINT C	252.0	<0.01		0.2		0.2	0.2	
KEG RIVER A	671.0	0.25		168.0		168.0	95.8	72.2
KEG RIVER B	1 600.0	0.45		720.0		720.0	575.7	144.3
KEG RIVER C	1 405.0	0.45		632.0		632.0	444.3	187.7
KEG RIVER D	273.0	0.15		41.0		41.0	39.2	1.8
KEG RIVER I	288.0	0.25		72.0		72.0	66.4	5.6
KEG RIVER J	1 002.0	0.35		351.0		351.0	243.8	107.2
KEG RIVER K	142.0	<0.06		7.7		7.7	7.7	
KEG RIVER L	336.0	0.10		33.6		33.6	22.3	11.3
KEG RIVER M	381.0	0.09		34.3		34.3	27.3	7.0
KEG RIVER N	10.7	<0.06		0.6		0.6	0.6	
KEG RIVER O	80.7	0.20		16.1		16.1	13.9	2.2
KEG RIVER P	55.1	<0.13		6.9		6.9	6.9	
KEG RIVER Q	265.0	0.25		66.3		66.3	43.9	22.4
KEG RIVER R	65.1	<0.05		3.2		3.2	3.2	
KEG RIVER S	58.5	0.25		14.6		14.6	3.8	10.8
KEG RIVER T	276.0	0.20		55.2		55.2	20.7	34.5
KEG RIVER V	153.0	0.35		53.6		53.6	41.4	12.2
KEG RIVER W	519.0	0.05		26.0		26.0	17.1	8.9
KEG RIVER X	177.0	0.25		44.3		44.3	9.0	35.3
KEG RIVER Y	628.0	0.30		188.0		188.0	141.0	47.0
KEG RIVER BB	2 086.0	0.45		939.0		939.0	643.3	295.7
KEG RIVER CC	395.0	0.17		67.2		67.2	60.8	6.4
KEG RIVER DD	169.0	0.25		42.3		42.3	35.6	6.7
KEG RIVER EE	198.0	0.25		49.5		49.5	30.5	19.0
KEG RIVER FF	67.8	0.25		17.0		17.0	14.7	2.3
KEG RIVER GG	32.0	0.15		4.8		4.8	1.1	3.7
KEG RIVER HH	62.4	0.15		9.4		9.4	3.3	6.1
KEG RIVER II	105.0	0.30		31.5		31.5	26.1	5.4
KEG RIVER JJ	117.0	<0.07		7.1		7.1	7.1	
KEG RIVER KK	116.0	0.10		11.6		11.6	4.6	7.0
KEG RIVER LL	28.9	<0.02		0.5		0.5	0.5	
KEG RIVER MM	193.0	0.20		38.6		38.6	18.4	20.2
KEG RIVER NN	539.0	0.11		59.3		59.3	22.3	37.0
KEG RIVER OO	31.4	<0.10		3.1		3.1	3.1	
KEG RIVER PP	70.3	<0.05		3.1		3.1	3.1	
KEG RIVER QQ	268.0	0.25		67.0		67.0	38.2	28.8
KEG RIVER RR	113.0	0.35		39.6		39.6	35.1	4.5
KEG RIVER SS	428.0	0.15		64.2		64.2	50.6	13.6
KEG RIVER TT	352.0	0.13		45.8		45.8	32.3	13.5
KEG RIVER UU	86.9	<0.10		8.1		8.1	8.1	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
338	2.20	0.130	0.11	0.71								
3 249	6.73	0.105	0.11	0.71								- GPP
5 065	5.89	0.105	0.11	0.71								- GPP
32	5.80	0.150	0.26	0.79	81	837	75		-1 222.2	2 016.5	1996	97 12
64	7.00	0.110	0.12	0.54	277	810	102	24 503	-1 862.1	2 985.5	1991	91 11 - GPP
256	1.25	0.187	0.28	0.90	24	870	38	7 713	-135.5	1 133.2	1932	96 06 - GPP
64	1.00	0.300	0.28	0.80	101	878	38		-518.3	1 482.1	1996	97 09 - GPP
65	6.95	0.163	0.50	0.94	20	839	49	8 165	-206.5	1 175.5	1974	88 12 - ABAND 84 03
128	2.90	0.150	0.45	0.90	27	819	31	5 739	-63.0	997.1	1981	86 04 - GPP
270	1.71	0.135	0.30	0.95	27	873	31	5 703	-55.8	957.5	1983	94 12 - GPP
125	1.20	0.100	0.30	0.95	25	855	32	4 170	-77.5	1 044.9	1978	94 11 - ABAND 90 07
64	3.05	0.160	0.14	0.71	128	839	42	14 931	-579.9	1 551.0	1972	94 05 - ABAND 93 10
64	19.00	0.030	0.15	0.78	92	878	50	18 875	-927.1	1 902.5	1979	83 12 - ABAND 83 10
16	2.24	0.210	0.41	0.85	58	856	42	7 284	-371.2	1 079.7	1982	96 06 - GPP
96	6.71	0.250	0.20	0.92	35	875	34	8 273	-404.6	1 135.8	1987	97 12
64	12.50	0.060	0.41	0.87	53	827	33	14 145	-554.4	1 054.4	1987	87 01 - ABAND 89 10
32	14.80	0.067	0.40	0.87	52	850	34	13 971	-539.2	1 036.6	1986	92 08 - ABAND 95 03
64	6.80	0.090	0.26	0.87	57	822	38	13 975	-539.8	1 037.0	1987	88 09 - ABAND 89 10
200	10.50	0.055	0.34	0.88	47	829	40	13 953	-709.8	1 288.7	1985	91 12 - GPP
583	7.12	0.060	0.27	0.88	43	825	39	14 063	-726.5	1 352.9	1985	95 12 - GPP
610	5.34	0.070	0.30	0.88	43	818	36	14 058	-732.4	1 433.7	1986	95 03 - GPP
64	8.22	0.092	0.36	0.88	42	835	39	13 991	-727.0	1 323.3	1986	91 12 - GPP
100	7.44	0.063	0.31	0.89	23	835	39	14 069	-714.3	1 328.8	1986	94 12 - GPP
585	4.99	0.060	0.35	0.88	45	835	38	14 154	-741.8	1 474.3	1986	95 12 - GPP
119	4.30	0.050	0.37	0.88	47	835	40	14 049	-733.1	1 334.8	1986	94 11 - GPP
200	6.00	0.054	0.43	0.91	43	854	41	14 683	-786.5	1 431.6	1986	90 12 - GPP
203	4.65	0.079	0.42	0.88	47	829	40	13 402	-719.0	1 314.1	1986	96 08 - GPP
16	2.09	0.056	0.35	0.88	43	838	39	13 476	-728.7	1 406.6	1986	96 06 - GPP
16	12.45	0.061	0.27	0.91	32	831	39	14 250	-735.0	1 339.7	1985	90 12 - GPP
16	11.20	0.060	0.39	0.84	32	834	41	13 509	-742.8	1 329.1	1985	92 06 - ABAND 92 02
128	5.97	0.056	0.32	0.91	45	835	39	14 342	-754.8	1 374.1	1986	88 07 - GPP
64	4.73	0.043	0.45	0.91	32	835	39	14 589	-748.0	1 331.6	1986	95 12 - ABAND 95 10
64	2.80	0.053	0.30	0.88	43	818	39	14 302	-760.5	1 417.6	1986	87 03 - GPP
128	5.80	0.060	0.32	0.91	32	821	39	14 231	-757.7	1 394.9	1986	97 06 - GPP
100	4.80	0.050	0.30	0.91	32	821	39	14 067	-762.2	1 392.8	1987	95 10 - GPP
128	12.80	0.053	0.33	0.89	41	818	39	14 327	-763.9	1 478.8	1987	96 08 - GPP
64	5.80	0.086	0.37	0.88	47	835	40	13 642	-709.8	1 274.9	1987	87 07 - GPP
328	6.10	0.050	0.31	0.91	32	824	39	14 413	-764.1	1 495.7	1987	96 05 - GPP
653	5.95	0.078	0.26	0.93	23	835	39	13 884	-739.4	1 472.4	1987	95 12 - GPP
200	6.45	0.051	0.34	0.91	41	841	39	13 565	-764.8	1 495.2	1987	94 12 - GPP
64	7.90	0.056	0.33	0.89	41	835	39	13 937	-749.9	1 483.7	1986	88 01 - GPP
192	3.60	0.050	0.35	0.88	35	835	39	14 378	-755.3	1 492.3	1986	94 08 - GPP
64	4.50	0.042	0.37	0.89	41	835	39	13 099	-712.8	1 303.0	1987	88 07 - GPP
16	7.80	0.040	0.28	0.89	41	842	39	13 482	-762.8	1 470.0	1987	96 05 - GPP
32	6.00	0.050	0.27	0.89	41	842	39	13 976	-756.6	1 473.0	1987	96 12 - GPP
64	5.50	0.050	0.32	0.88	32	824	39	14 244	-764.9	1 503.8	1987	97 12 - GPP
64	6.00	0.050	0.33	0.91	32	833	39	14 320	-785.8	1 525.0	1987	96 06 - GPP
64	3.40	0.080	0.25	0.89	32	819	35	14 116	-758.3	1 468.4	1987	96 12 - GPP
16	4.80	0.058	0.27	0.89	41	820	39	14 449	-741.0	1 472.3	1987	96 03 - ABAND 96 01
64	10.50	0.040	0.21	0.91	32	824	39	13 931	-769.9	1 396.6	1988	91 12 - GPP
150	12.00	0.050	0.32	0.88	47	829	36	14 259	-780.9	1 291.6	1988	96 08 - GPP
16	5.70	0.060	0.37	0.91	32	824	39	13 087	-729.0	1 296.0	1988	96 06 - GPP
32	7.25	0.049	0.32	0.91	32	824	39	14 649	-771.0	1 467.5	1987	95 12 - ABAND 95 10
159	4.60	0.060	0.33	0.91	32	824	39	14 558	-764.6	1 493.6	1987	92 05 - GPP
96	3.57	0.050	0.26	0.89	41	820	39	12 840	-718.0	1 319.9	1987	95 04 - GPP
64	14.90	0.068	0.25	0.88	43	819	39	13 970	-747.4	1 479.9	1988	96 08 - GPP
128	8.17	0.050	0.26	0.91	32	824	39	14 184	-776.1	1 300.9	1988	96 08 - GPP
64	4.18	0.050	0.27	0.89	41	820	39	14 046	-771.9	1 513.7	1988	96 06 - GPP

TABLE 2-6

	1	2	3	4	5	6	7	8
FIELD POOL	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
KIDNEY 092-05W5 (CONTINUED)								
KEG RIVER VV	175.0	0.35		61.3		61.3	53.6	7.7
KEG RIVER WW	476.0	0.35		167.0		167.0	86.8	80.2
KEG RIVER XX	23.1	<0.07		1.6		1.6	1.6	
KEG RIVER YY	45.5	<0.18		8.0		8.0	8.0	
KEG RIVER ZZ	103.0	<0.12		12.0		12.0	12.0	
KEG RIVER AAA	43.0	<0.12		4.9		4.9	4.9	
KEG RIVER BBB	80.2	<0.14		10.5		10.5	10.5	
KEG RIVER CCC	106.0	<0.14		13.8		13.8	13.8	
KEG RIVER DDD	32.5	<0.09		2.8		2.8	2.8	
KEG RIVER EEE	17.4	<0.07		1.1		1.1	1.1	
KEG RIVER JJJ	43.7	0.25		10.9		10.9	9.0	1.9
KEG RIVER MMM	6.4	<0.13		0.8		0.8	0.8	
KEG RIVER NNN	123.0	<0.05		5.1		5.1	5.1	
KEG RIVER OOO	351.0	0.12		42.1		42.1	26.0	16.1
KEG RIVER PPP	58.4	<0.10		5.7		5.7	5.7	
KEG RIVER RRR	105.0	0.10		10.5		10.5	6.5	4.0
KEG RIVER UUU	143.0	0.25		35.8		35.8	18.4	17.4
KEG RIVER VVV	98.8	0.12		11.9		11.9	6.2	5.7
KEG RIVER WWW	102.0	0.20		20.4		20.4	3.3	17.1
KEG RIVER XXX	181.0	0.20		36.2		36.2	11.4	24.8
FIELD TOTAL	16 822.8			4 506.8		4 506.8	3 151.6	1 355.2
KILLAM 043-10W4								
UPPER VIKING B	318.0	0.17		54.1		54.1	47.9	6.2
UPPER VIKING C	44.4	<0.08		3.5		3.5	3.5	
UPPER VIKING E	70.0	<0.01		0.3		0.3	0.3	
UPPER VIKING G	205.0	0.05		10.3		10.3	1.3	9.0
UPPER VIKING H	388.0	<0.03		11.6		11.6	11.6	
UPPER VIKING K	33.5	<0.02		0.4		0.4	0.4	
GLAUCONITIC FF	4 410.0	0.45		1 985.0		1 985.0	1 816.9	168.1
GLAUCONITIC PP	280.0	0.40		112.0		112.0	73.0	39.0
ELLERSLIE JJ	494.0	0.10		49.4		49.4	9.8	39.6
ELLERSLIE KK	104.0	0.10		10.4		10.4	7.5	2.9
ELLERSLIE LL	51.6	<0.04		1.7		1.7	1.7	
ELLERSLIE MM	290.0	0.60		174.0		174.0	110.4	63.6
ELLERSLIE NN	1 008.0	0.55		554.0		554.0	483.9	70.1
ELLERSLIE OO	64.8	0.20		13.0		13.0	7.5	5.5
ELLERSLIE QQ	120.0	0.10		12.0		12.0	2.4	9.6
FIELD TOTAL *	7 881.3			2 991.7		2 991.7	2 578.1	413.6
KIM 008-26W4								
LIVINGSTONE A	397.0	<0.03		11.2		11.2	11.2	
FIELD TOTAL	397.0			11.2		11.2	11.2	
KIPP 008-23W4								
WABAMUN A	402.0	0.08		32.2		32.2	30.0	2.2
FIELD TOTAL	402.0			32.2		32.2	30.0	2.2
KITTY 086-12W5								
SLAVE POINT A	207.0	0.10		20.7		20.7	16.3	4.4
SLAVE POINT B	408.0	0.30		122.0		122.0	94.9	27.1
SLAVE POINT C	333.0	0.40		133.0		133.0	116.3	16.7
SLAVE POINT D	27.5	0.09		2.5		2.5	2.5	
SLAVE POINT E	134.0	<0.02		2.0		2.0	2.0	
SLAVE POINT F	103.0	<0.02		2.0		2.0	2.0	
SLAVE POINT G	34.7	0.40		13.9		13.9	11.7	2.2
SLAVE POINT H	40.0	<0.02		0.6		0.6	0.6	
SLAVE POINT I	92.0	<0.02		1.4		1.4	1.4	
SLAVE POINT J	117.0	0.35		41.0		41.0	31.8	9.2
GRANITE WASH A	83.7	<0.07		5.6		5.6	5.6	
GRANITE WASH B	47.0	0.02		1.0		1.0	0.6	0.4
GRANITE WASH C	594.0	0.10		59.4		59.4	57.9	1.5
GRANITE WASH D	114.0	0.06		6.8		6.8	6.8	
GRANITE WASH E	46.5	<0.06		2.4		2.4	2.4	
GRANITE WASH G	299.0	<0.06		17.2		17.2	17.2	
GRANITE WASH H	481.0	0.20		96.2		96.2	54.3	41.9
GRANITE WASH I	335.0	0.20		67.0		67.0	8.4	58.6

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
128	3.80	0.060	0.32	0.88	43	810	39	12 394	-715.3	1 300.4	1988	94 11 - GPP
128	7.55	0.080	0.30	0.88	43	879	39	15 299	-743.3	1 476.6	1988	95 03 - GPP
16	4.80	0.056	0.39	0.88	43	810	39	12 926	-724.4	1 317.5	1988	96 06 - GPP
64	2.11	0.052	0.28	0.90	32	824	39	13 679	-801.5	1 341.2	1988	96 06 - ABAND 96 11
64	4.89	0.053	0.32	0.91	32	824	39	13 902	-783.2	1 300.0	1988	96 06 - ABAND 96 11
64	1.81	0.053	0.22	0.90	32	824	39	14 830	-796.1	1 480.7	1988	96 06 - GPP
64	4.07	0.050	0.30	0.88	43	819	39	12 427	-728.7	1 328.9	1988	96 06 - GPP
64	7.50	0.041	0.41	0.91	32	824	39	13 444	-791.2	1 331.7	1989	97 05 - ABAND 96 11
32	2.40	0.074	0.35	0.88	47	829	40	12 389	-712.8	1 293.3	1988	96 06 - ABAND 96 06
16	2.10	0.084	0.30	0.88	47	829	40	12 964	-709.8	1 299.0	1988	96 06 - ABAND 97 03
64	3.00	0.050	0.50	0.91	32	824	39	12 575	-786.5	1 332.8	1990	91 12 - GPP
32	0.73	0.050	0.40	0.91	32	824	39	12 473	-772.6	1 485.0	1987	96 12 - GPP
16	20.40	0.070	0.41	0.91	36	825	35	11 214	-781.0	1 516.5	1990	96 06 - GPP
128	8.60	0.050	0.30	0.91	36	825	35	10 561	-710.5	1 282.9	1991	96 08 - GPP
16	9.90	0.060	0.31	0.89	41	824	39	10 644	-742.6	1 481.4	1990	96 06 - GPP
32	8.62	0.050	0.15	0.89	41	819	39	11 442	-756.9	1 359.8	1991	92 02 - GPP
128	2.92	0.060	0.30	0.91	32	824	39	8 834	-718.8	1 316.0	1993	94 04 - GPP
64	4.50	0.060	0.35	0.88	46	823	43	13 484	-719.3	1 320.5	1994	96 08 - GPP
64	5.50	0.050	0.35	0.89	41	818	39	14 000	-737.8	1 357.3	1995	95 09 - GPP
64	5.92	0.070	0.25	0.91	36	824	35	11 024	-767.6	1 272.8	1996	97 05 - GPP
244	1.16	0.190	0.35	0.91	38	849	27	5 656	-84.5	781.4	1957	97 12 - GPP
32	1.22	0.250	0.50	0.91	39	849	28	5 674	-86.8	788.1	1971	92 03 - ABAND 92 01
64	1.50	0.160	0.50	0.91	39	854	34	6 285	-108.5	817.3	1979	79 10 - ABAND 88 06
64	1.80	0.300	0.37	0.94	18	853	29	4 508	-99.6	807.1	1980	96 03 - GPP
160	2.15	0.210	0.41	0.91	26	851	36	4 311	-84.7	794.4	1981	96 06
16	2.40	0.170	0.46	0.95	24	857	33	5 717	-92.0	799.9	1982	96 06
400	5.36	0.260	0.14	0.92	39	910	34	6 951	-198.7	948.8	1979	91 12 - GPP
44	3.26	0.250	0.15	0.92	35	874	34	6 829	-298.7	1 018.3	1988	92 11 - GPP
112	2.36	0.260	0.21	0.91	37	899	35	5 697	-234.4	929.7	1990	93 12 - GPP
64	1.20	0.230	0.35	0.91	37	898	35	6 651	-259.7	969.4	1990	90 12 - GPP
16	2.20	0.230	0.30	0.91	37	899	35	6 620	-294.8	1 009.7	1990	95 10 - ABAND 95 07
53	3.04	0.250	0.21	0.91	37	899	35	6 465	-280.7	989.5	1990	97 12 - GPP
160	3.24	0.260	0.16	0.89	33	875	39	6 497	-280.7	988.0	1991	95 12 - GPP
8	4.80	0.240	0.26	0.95	16	908	34	6 573	-290.4	1 012.4	1991	97 12 - GPP
34	2.38	0.230	0.30	0.92	48	897	37	6 540	-285.3	991.3	1992	94 03 - GPP
64	26.00	0.053	0.25	0.60	210	820	61	22 281	-1 364.0	2 335.3	1980	92 07 - ABAND 89 08
32	14.50	0.120	0.15	0.85	60	863	52	33 326	-1 229.0	2 240.5	1979	92 07 - GPP
64	9.23	0.050	0.23	0.91	31	829	46	15 619	-944.2	1 533.9	1985	87 12 - GPP
192	4.50	0.070	0.25	0.90	33	835	45	16 853	-940.8	1 504.5	1982	86 03 - GPP
64	7.19	0.098	0.17	0.89	35	836	44	16 136	-957.4	1 533.2	1984	90 06 - GPP
32	3.00	0.045	0.30	0.91	30	833	38	15 514	-933.2	1 538.5	1980	93 06 - ABAND 91 02
64	8.80	0.045	0.42	0.91	32	857	38	15 605	-911.3	1 478.3	1982	88 12 - ABAND 90 01
64	3.90	0.070	0.35	0.91	32	837	38	16 066	-949.3	1 532.4	1980	94 11 - ABAND 91 02
64	1.52	0.065	0.39	0.90	33	794	40	15 429	-934.9	1 529.5	1987	95 12 - GPP
64	3.20	0.035	0.38	0.90	38	834	27	15 117	-901.1	1 484.3	1986	86 05 - ABAND 90 07
32	8.00	0.060	0.35	0.92	30	829	38	15 156	-927.4	1 488.6	1990	93 03 - ABAND 92 10
64	5.20	0.050	0.20	0.88	44	828	39	15 703	-953.0	1 515.0	1986	97 12 - GPP
64	1.40	0.160	0.27	0.80	76	832	54	15 719	-965.5	1 562.7	1983	84 06 - ABAND 89 12
32	1.60	0.150	0.32	0.90	31	837	43	16 086	-983.0	1 563.5	1986	97 05 - GPP
200	1.95	0.232	0.27	0.90	34	832	43	15 261	-972.0	1 533.9	1989	92 04 - GPP
64	1.43	0.200	0.31	0.90	34	845	43	15 159	-976.8	1 532.1	1989	97 11 - ABAND 97 07
27	1.52	0.210	0.40	0.90	34	845	43	14 450	-969.0	1 528.7	1990	96 12 - GPP
64	3.00	0.240	0.28	0.90	34	845	43	14 448	-987.5	1 579.5	1993	97 01 - GPP
128	2.45	0.230	0.25	0.89	49	823	38	14 177	-987.6	1 572.3	1993	94 02 - GPP
64	2.60	0.280	0.20	0.90	34	844	43	12 480	-987.0	1 557.4	1995	95 08 - GPP

TABLE 2-6

	1	2	3	4	5	6	7	8
FIELD POOL	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	$10^3 m^3$	frac	frac	$10^3 m^3$	$10^3 m^3$	$10^3 m^3$	$10^3 m^3$	$10^3 m^3$
KITTY 086-12W5 (CONTINUED)								
GRANITE WASH J	144.0	0.20		28.8		28.8	12.7	16.1
GRANITE WASH K	162.0	0.20		32.4		32.4	5.8	26.6
GRANITE WASH L	54.0	0.20		10.8		10.8	4.1	6.7
GRANITE WASH M	59.6	0.15		8.9		8.9	2.6	6.3
GRANITE WASH N	99.0	0.20		19.8		19.8	2.6	17.2
GRANITE WASH O	47.9	<0.01		0.1		0.1	0.1	
FIELD TOTAL	4 062.9			695.5		695.5	460.6	234.9
KNAPPEN 001-11W4								
LOWER MANNVILLE A	429.0	0.12		51.5		51.5	48.9	2.6
LOWER MANNVILLE C	378.0	<0.07		23.3		23.3	23.3	
LOWER MANNVILLE F	229.0	<0.03		6.7		6.7	6.7	
LOWER MANNVILLE H	99.4	<0.01		0.5		0.5	0.5	
FIELD TOTAL	1 135.4			82.0		82.0	79.4	2.6
KNELLER 049-24W4								
GLAUCONITIC A	25.2	<0.01		0.1		0.1	0.1	
FIELD TOTAL	25.2			0.1		0.1	0.1	
KNOPCIK 074-10W6								
DOE CREEK B	311.0	<0.01		0.2		0.2	0.2	
CHARLIE LAKE A	153.0	<0.01		0.5		0.5	0.5	
CHARLIE LAKE B	90.4	0.15		13.6		13.6	11.7	1.9
CHARLIE LAKE C	29.4	<0.05		1.2		1.2	1.2	
CHARLIE LAKE D	116.0	<0.07		7.9		7.9	7.9	
BOUNDARY B	24.1	0.25		6.0		6.0	3.5	2.5
BOUNDARY C	52.8	0.20		10.6		10.6	1.1	9.5
BOUNDARY D	158.0	0.20		31.6		31.6	5.3	26.3
CHARLIE LAKE F & BOUNDARY A	392.0	0.20		78.4		78.4	36.1	42.3
HALFWAY A	193.0	<0.01		0.5		0.5	0.5	
FIELD TOTAL	1 519.7			150.5		150.5	68.0	82.5
LA GLACE 074-08W6								
CHARLIE LAKE A	86.9	<0.01		0.1		0.1	0.1	
CHARLIE LAKE B	36.7	<0.05		1.5		1.5	1.5	
BOUNDARY A	222.0	0.23		51.1		51.1	46.3	4.8
HALFWAY A	2.7	<0.04		0.1		0.1	0.1	
HALFWAY B	142.0	0.20		28.4		28.4	6.4	22.0
HALFWAY D	53.2	0.10		5.3		5.3	1.9	3.4
HALFWAY F	85.6	0.15		12.8		12.8	1.0	11.8
MONTNEY A	3 964.0	0.02		79.3		79.3	5.4	73.9
FIELD TOTAL	4 593.1			178.6		178.6	62.7	115.9
LACOMBE 039-25W4								
NISKU A	113.0	<0.12		13.5		13.5	13.5	
NISKU B	75.6	0.10		7.6		7.6	6.7	0.9
NISKU C	265.0	0.25		66.3		66.3	55.8	10.5
NISKU D	325.0	0.10		32.5		32.5	23.4	9.1
NISKU E	49.8	0.25		12.5		12.5	11.5	1.0
NISKU F	165.0	<0.01		0.1		0.1	0.1	
NISKU G	101.0	0.10		10.1		10.1	4.4	5.7
NISKU H	51.7	<0.06		2.7		2.7	2.7	
FIELD TOTAL	1 146.1			145.3		145.3	118.1	27.2
LAIT 002-10W4								
LOWER MANNVILLE G	35.8	<0.05		1.7		1.7	1.7	
FIELD TOTAL	35.8			1.7		1.7	1.7	
LANAWAY 036-03W5								
CARDIUM	2 922.0	0.10		292.0		292.0	230.0	62.0
CARDIUM B	292.0	<0.01		0.6		0.6	0.6	
CARDIUM E	24.0	<0.07		1.6		1.6	1.6	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
32	3.10	0.230	0.29	0.89	49	823	38	12 246	-989.3	1 558.7	1995	95 12 - GPP
32	4.00	0.200	0.29	0.89	49	823	38	12 145	-981.7	1 551.9	1995	95 12 - GPP
32	2.10	0.170	0.45	0.86	56	835	42	14 640	-969.0	1 518.0	1996	96 07 - GPP
16	3.80	0.190	0.40	0.86	56	835	42	13 856	-971.9	1 523.3	1996	97 02 - GPP
32	3.70	0.180	0.46	0.86	56	835	42	13 720	-973.1	1 526.8	1995	96 07 - GPP
16	2.40	0.210	0.34	0.90	34	844	43	10 570	-971.6	1 538.3	1996	97 12 - ABAND 97 11
128	2.28	0.210	0.27	0.96	10	835	32	6 719	204.1	894.3	1956	90 12 - GPP
130	1.52	0.250	0.20	0.96	18	844	34	5 846	313.8	814.3	1965	92 07 - ABAND 91 10
64	3.70	0.200	0.45	0.88	51	830	29	6 922	228.2	810.9	1975	94 11 - ABAND 96 09
64	3.10	0.130	0.59	0.94	21	835	30	3 870	271.9	804.7	1988	92 06 - ABAND 91 10
16	1.20	0.200	0.31	0.95	61	871	54	8 800	-527.4	1 279.9	1994	96 06 - GPP
64	3.93	0.200	0.35	0.95	19	839	28	6 365	-152.7	910.7	1987	92 10
64	2.87	0.170	0.30	0.70	120	821	76	25 674	-1 364.6	2 116.8	1981	92 10
51	1.50	0.180	0.10	0.73	120	827	76	26 867	-1 549.8	2 292.3	1987	90 06 - GPP
16	1.70	0.165	0.15	0.77	100	829	73	17 022	-1 557.8	2 316.2	1987	96 06 - GPP
64	1.36	0.190	0.10	0.78	79	806	76	20 873	-1 564.2	2 308.7	1988	96 03 - ABAND 95 12
64	1.00	0.060	0.14	0.73	123	814	71	18 946	-1 380.7	2 138.5	1994	97 12
64	2.80	0.080	0.45	0.67	164	811	73		-1 382.0	2 143.1	1996	97 08
128	2.10	0.110	0.20	0.67	164	811	73		-1 372.6	2 151.0	1996	97 12
210	1.83	0.152	0.14	0.78	74	828	64	26 809	-1 420.2	2 187.4	1992	94 10 - GPP
64	7.99	0.084	0.35	0.69	149	807	64	21 776	-1 436.3	2 204.5	1982	92 10 - ABAND 96 02
64	2.10	0.100	0.16	0.77	100	829	73	21 364	-1 152.1	1 899.3	1987	92 10
64	1.60	0.080	0.30	0.64	207	828	65	19 382	-1 163.0	1 947.0	1979	90 12 - GPP
128	1.81	0.150	0.15	0.75	126	825	74	21 495	-1 171.7	1 926.7	1959	97 12 - GPP
16	0.50	0.055	0.13	0.71	129	798	73	20 916	-1 188.0	1 954.8	1988	96 06
64	3.40	0.160	0.32	0.60	187	808	71	21 591	-1 187.7	1 958.3	1994	95 07
16	4.00	0.120	0.10	0.77	105	832	69	18 612	-1 062.6	1 822.5	1994	95 12 - GPP
64	2.40	0.080	0.14	0.81	91	849	50	18 602	-1 061.3	1 842.2	1995	96 01
710	14.50	0.090	0.38	0.69	136	831	74	20 607	-1 400.0	2 146.3	1993	96 01
64	6.18	0.060	0.32	0.70	106	819	70	16 766	-1 071.4	1 993.7	1958	78 12 - ABAND 89 11
64	4.20	0.055	0.30	0.73	105	810	73	16 708	-1 062.3	1 982.0	1982	85 03 - GPP
192	3.05	0.076	0.15	0.70	143	822	67	17 131	-1 063.1	1 977.2	1977	96 12 - GPP
128	4.70	0.100	0.26	0.73	110	825	74	18 298	-1 096.0	2 056.3	1986	92 12 - GPP
64	2.30	0.060	0.17	0.68	143	823	67	18 271	-1 096.4	2 057.3	1988	93 12 - GPP
64	5.00	0.090	0.18	0.70	130	810	77	18 292	-1 099.7	2 052.4	1988	89 03 - ABAND 91 09
32	5.20	0.100	0.19	0.75	117	809	78	16 817	-1 096.4	2 074.9	1989	91 12 - GPP
65	2.44	0.059	0.20	0.69	106	805	70	18 190	-1 084.2	2 025.1	1962	75 12 - ABAND 70 09
64	1.50	0.130	0.67	0.87	57	838	32	7 958	126.1	808.3	1990	95 10 - ABAND 95 06
1 869	2.35	0.110	0.28	0.84	53	825	54	20 527	-832.5	1 812.7	1960	82 07
129	3.66	0.090	0.22	0.88	53	839	54	21 506	-790.0	1 773.6	1972	73 12 - ABAND 73 11
32	1.80	0.080	0.35	0.80	89	822	59	20 705	-857.7	1 820.8	1982	96 06 - GPP

TABLE 2-6

	1	2	3	4	5	6	7	8
FIELD POOL	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
LANAWAY 036-03W5 (CONTINUED)								
CARDIUM C & MANNVILLE D	877.0	0.07		61.4		61.4	53.4	8.0
SECOND WHITE SPECKS A	335.0	<0.04		12.4		12.4	12.4	
VIKING B	98.8	0.10		9.9		9.9	8.4	1.5
MANNVILLE	3 501.0	0.15		525.0		525.0	298.1	226.9
MANNVILLE B	320.0	<0.03		6.7		6.7	6.7	
MANNVILLE C	23.0	<0.02		0.3		0.3	0.3	
MANNVILLE E	391.0	<0.01		1.4		1.4	1.4	
MANNVILLE F	223.0	<0.01		0.3		0.3	0.3	
MANNVILLE G	108.0	0.10		10.8		10.8	8.0	2.8
GLAUCONITIC A & BASAL QUARTZ A	229.0	<0.01		1.0		1.0	1.0	
JURASSIC-RUNDLE A	940.0	<0.08		68.1		68.1	64.1	4.0
ELKTON A	1 200.0	0.03		36.0		36.0	33.4	2.6
ELKTON B	355.0	0.10		35.5		35.5	0.5	35.0
PEKISKO A	101.0	<0.03		2.7		2.7	2.7	
D-2 A	243.0	<0.09		21.4		21.4	21.4	
D-3 A	245.0	<0.01		2.4		2.4	2.4	
FIELD TOTAL	12 427.8			1 089.5		1 089.5	746.7	342.8
LARNE 116-03W6								
MUSKEG B	144.0	<0.07		9.1		9.1	9.1	
KEG RIVER A	350.0	<0.06		19.1		19.1	19.1	
KEG RIVER B	340.0	<0.08		24.0		24.0	24.0	
KEG RIVER C	424.0	0.20		84.8		84.8	74.9	9.9
KEG RIVER D	397.0	<0.16		62.8		62.8	62.8	
KEG RIVER E	335.0	0.25		83.8		83.8	67.8	16.0
KEG RIVER F	125.0	<0.09		10.7		10.7	10.7	
KEG RIVER G	286.0	<0.16		44.0		44.0	44.0	
KEG RIVER H	413.0	<0.03		11.8		11.8	11.8	
KEG RIVER I	478.0	<0.05		19.6		19.6	19.6	
KEG RIVER J	510.0	<0.02		7.7		7.7	7.7	
KEG RIVER K	397.0	0.15		59.6		59.6	54.9	4.7
KEG RIVER L	292.0	<0.04		9.4		9.4	9.4	
KEG RIVER M	280.0	<0.03		8.0		8.0	8.0	
KEG RIVER N	238.0	<0.07		14.5		14.5	14.5	
KEG RIVER O	138.0	<0.20		26.9		26.9	26.9	
KEG RIVER P	342.0	<0.05		13.9		13.9	13.9	
KEG RIVER Q	157.0	<0.07		10.6		10.6	10.6	
KEG RIVER R	159.0	<0.20		30.4		30.4	30.4	
KEG RIVER S	343.0	<0.05		14.8		14.8	14.8	
KEG RIVER T	276.0	<0.02		2.9		2.9	2.9	
KEG RIVER U	168.0	<0.04		5.2		5.2	5.2	
KEG RIVER V	428.0	0.05		21.4		21.4	13.2	8.2
KEG RIVER W	272.0	<0.02		3.4		3.4	3.4	
KEG RIVER X	79.3	<0.06		4.5		4.5	4.5	
KEG RIVER Y	92.9	<0.03		2.3		2.3	2.3	
KEG RIVER Z	160.0	<0.03		3.9		3.9	3.9	
KEG RIVER AA	100.0	<0.02		1.7		1.7	1.7	
KEG RIVER BB	80.3	<0.04		2.9		2.9	2.9	
KEG RIVER CC	120.0	<0.10		11.2		11.2	11.2	
KEG RIVER DD	235.0	<0.04		7.8		7.8	7.8	
KEG RIVER EE	95.0	<0.12		11.2		11.2	11.2	
KEG RIVER FF	70.0	0.10		7.0		7.0	4.1	2.9
KEG RIVER GG	33.9	0.20		6.8		6.8	4.7	2.1
KEG RIVER HH	150.0	0.25		37.5		37.5	22.6	14.9
KEG RIVER II	51.5	<0.03		1.2		1.2	1.2	
KEG RIVER JJ	74.4	0.06		4.5		4.5	4.5	
KEG RIVER KK	27.5	<0.14		3.6		3.6	3.6	
KEG RIVER LL	260.0	0.10		26.0		26.0	19.2	6.8
KEG RIVER MM	212.0	0.05		10.6		10.6	7.5	3.1
KEG RIVER NN	418.0	0.07		29.3		29.3	9.0	20.3
KEG RIVER OO	328.0	0.10		32.8		32.8	10.1	22.7
KEG RIVER PP	125.0	0.20		25.0		25.0	12.6	12.4
KEG RIVER QQ	214.0	0.25		53.5		53.5	12.4	41.1
KEG RIVER RR	224.0	0.30		67.2		67.2	13.0	54.2
KEG RIVER SS	179.0	0.30		53.7		53.7	9.5	44.2
KEG RIVER TT	71.0	0.30		21.3		21.3	5.6	15.7
KEG RIVER UU	53.2	0.30		16.0		16.0	2.5	13.5

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m^3/m^3	kg/m^3	°C	kPa	m MSL	m KB		
256	5.27	0.110	0.27	0.81	53	825	54	20 522	-976.8	1 949.3	1960	97 12 - GPP
65	8.53	0.120	0.30	0.72	89	865	59	21 952	-895.5	1 859.9	1977	96 06 - ABAND 96 08
64	2.80	0.105	0.30	0.75	100	833	63	9 167	-1 005.2	1 948.3	1987	88 03 - GPP
846	6.60	0.110	0.25	0.76	71	876	60	16 659	-1 300.3	2 265.5	1959	95 06
64	6.80	0.124	0.22	0.76	76	853	76	18 837	-1 341.0	2 316.2	1981	94 10 - ABAND 94 06
64	1.00	0.090	0.50	0.80	88	853	64	18 791	-1 328.6	2 303.8	1981	82 06 - ABAND 86 12
64	15.90	0.100	0.52	0.80	100	892	66	18 508	-1 369.6	2 356.3	1982	96 12 - ABAND 88 09
64	6.00	0.150	0.43	0.68	152	843	82	16 248	-1 285.0	2 237.8	1980	84 07
64	2.10	0.125	0.20	0.80	93	880	45	18 603	-1 310.3	2 291.2	1986	87 04 - GPP
128	4.07	0.090	0.39	0.80	82	874	60	16 407	-1 226.2	2 180.3	1979	87 12 - ABAND 95 12
64	15.70	0.150	0.19	0.77	99	876	64	17 149	-1 364.8	2 351.0	1988	94 12 - GPP
261	7.00	0.120	0.27	0.75	103	904	74	18 194	-1 403.0	2 390.0	1973	88 01 - GPP
32	12.00	0.150	0.21	0.78	92	862	65		-1 400.7	2 380.8	1996	97 06
64	5.26	0.060	0.35	0.77	99	876	64	17 326	-1 319.7	2 267.3	1977	92 10
64	10.70	0.055	0.14	0.75	95	810	75	23 873	-1 891.4	2 866.2	1985	94 09 - ABAND 93 07
65	7.92	0.100	0.15	0.56	261	788	82	24 315	-1 944.0	2 927.9	1964	73 02
35	17.68	0.040	0.35	0.90	35	898	64	13 727	-1 058.9	1 407.3	1972	80 11 - ABAND 88 12
12	51.90	0.078	0.20	0.90	22	887	69	13 853	-1 051.5	1 429.8	1968	90 12 - ABAND 91 03
17	37.45	0.075	0.20	0.89	37	898	61	13 556	-1 050.0	1 415.8	1968	96 06 - GPP
10	58.21	0.092	0.10	0.88	46	898	61	13 815	-1 052.0	1 426.9	1968	92 12 - GPP
9	72.10	0.089	0.21	0.87	38	876	70	13 740	-1 066.8	1 467.3	1968	96 06 - GPP
17	39.93	0.070	0.20	0.88	31	876	72	13 561	-1 033.8	1 425.2	1968	93 12 - GPP
21	29.75	0.032	0.30	0.89	37	892	61	12 367	-960.9	1 323.6	1969	88 12 - ABAND 97 03
13	47.61	0.061	0.15	0.89	35	898	63	13 530	-1 051.9	1 410.3	1969	93 10 - ABAND 93 06
14	56.93	0.071	0.18	0.89	27	887	62	13 210	-1 055.1	1 417.5	1971	88 12 - ABAND 90 03
13	47.37	0.098	0.10	0.88	39	881	62	13 214	-1 056.2	1 408.9	1971	81 12 - ABAND 93 05
15	41.04	0.107	0.13	0.89	35	887	61	12 587	-1 054.7	1 421.1	1971	83 12
13	49.85	0.083	0.18	0.90	35	887	61	13 379	-1 054.0	1 408.2	1971	85 12 - GPP
11	58.61	0.066	0.22	0.88	43	887	50	12 955	-1 093.5	1 444.3	1971	86 12 - ABAND 90 01
12	38.60	0.084	0.18	0.88	35	892	64	13 205	-1 062.2	1 411.5	1972	84 12
27	22.77	0.055	0.20	0.88	33	892	54	14 366	-1 047.3	1 396.9	1971	81 12 - ABAND 89 11
7	40.14	0.064	0.15	0.90	31	904	64	14 991	-1 058.0	1 406.7	1971	86 12 - GPP
16	38.10	0.078	0.20	0.90	35	910	70	13 456	-1 060.6	1 410.5	1972	80 11 - ABAND 88 12
14	17.98	0.078	0.11	0.90	27	904	63	13 656	-1 062.7	1 411.7	1971	81 12 - ABAND 82 02
25	18.17	0.049	0.20	0.89	45	881	62	13 427	-1 064.4	1 413.4	1969	93 03 - ABAND 92 11
16	57.33	0.070	0.40	0.89	22	869	80	13 712	-1 057.7	1 445.5	1982	96 06 - GPP
16	43.50	0.060	0.25	0.88	38	920	61	13 700	-1 062.0	1 416.6	1983	88 12 - ABAND 86 12
19	23.10	0.050	0.13	0.88	38	909	61	12 979	-1 060.7	1 408.5	1983	88 12 - ABAND 91 11
11	51.70	0.114	0.25	0.88	38	894	61	12 700	-1 052.2	1 408.3	1983	92 12 - GPP
14	25.10	0.100	0.12	0.88	47	919	62	13 347	-1 056.9	1 408.9	1984	92 10
12	19.50	0.050	0.23	0.88	43	884	48	13 133	-1 037.4	1 415.4	1972	85 12 - GPP
16	11.00	0.075	0.20	0.88	32	889	72	13 442	-1 037.5	1 426.5	1985	89 12
14	28.01	0.060	0.20	0.85	54	880	59	13 413	-1 092.6	1 445.8	1985	96 06 - GPP
16	18.14	0.045	0.13	0.88	35	900	54	12 746	-1 036.5	1 401.0	1985	92 09 - ABAND 92 07
16	19.00	0.040	0.25	0.88	35	917	57	12 892	-1 034.4	1 407.5	1985	92 09 - ABAND 92 07
13	17.63	0.070	0.15	0.88	37	894	62	13 571	-1 081.5	1 431.3	1985	96 06 - GPP
14	29.77	0.072	0.11	0.88	35	898	79	12 512	-1 038.7	1 395.0	1985	96 06 - GPP
16	19.84	0.040	0.15	0.88	32	878	65	13 625	-1 026.4	1 418.0	1985	95 11 - ABAND 95 08
13	16.00	0.045	0.15	0.88	35	804	63	13 252	-1 023.0	1 407.0	1985	91 12 - GPP
16	14.88	0.021	0.23	0.88	35	907	63	12 900	-1 027.4	1 407.5	1986	91 12 - GPP
30	20.21	0.037	0.24	0.88	35	892	63	12 976	-1 033.1	1 400.8	1986	87 01 - GPP
16	30.00	0.020	0.39	0.88	35	891	63	13 694	-1 049.8	1 409.0	1986	89 12
16	16.51	0.040	0.20	0.88	35	899	63	13 142	-1 028.4	1 400.3	1986	92 09 - ABAND 92 07
16	12.00	0.025	0.35	0.88	35	881	77	13 313	-1 030.6	1 416.0	1986	96 06 - GPP
10	53.20	0.064	0.13	0.88	47	893	62	14 844	-1 087.4	1 475.6	1987	90 12 - GPP
64	17.30	0.029	0.25	0.88	47	860	62	13 604	-1 084.8	1 432.6	1987	92 12
64	17.00	0.056	0.22	0.88	47	892	62	13 490	-1 076.4	1 426.1	1987	96 08 - GPP
16	36.00	0.080	0.19	0.88	47	893	62	13 234	-1 052.9	1 409.5	1991	94 12 - GPP
16	29.00	0.040	0.20	0.84	52	855	68	13 800	-1 038.3	1 426.5	1994	94 06 - GPP
16	32.00	0.060	0.20	0.87	32	875	72	13 568	-1 042.3	1 431.0	1994	94 07 - GPP
16	22.10	0.090	0.20	0.88	33	881	69	13 620	-1 026.9	1 417.4	1994	94 10 - GPP
16	16.50	0.100	0.23	0.88	33	881	69	13 553	-1 032.3	1 421.3	1994	94 10 - GPP
16	24.00	0.030	0.30	0.88	38	893	61	13 516	-1 083.0	1 431.0	1996	96 07 - GPP
16	18.00	0.030	0.30	0.88	38	893	61	13 463	-1 073.1	1 422.0	1996	96 08 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 ENHANCED 10³m³	6 TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
LARNE 116-03W6 (CONTINUED)								
KEG RIVER VV	46.6	0.30		14.0		14.0	4.5	9.5
FIELD TOTAL	10 792.6			1 053.9		1 053.9	751.7	302.2
LATHOM 020-18W4								
UPPER MANNVILLE V	42.9	0.10		4.3		4.3	0.8	3.5
FIELD TOTAL *	42.9			4.3		4.3	0.8	3.5
LATOR 063-02W6								
DUNVEGAN A	1 540.0	0.11		170.0		170.0	159.5	10.5
DUNVEGAN B	46.0	<0.01		0.4		0.4	0.4	
FIELD TOTAL	1 586.0			170.4		170.4	159.9	10.5
LATORNELL 063-01W6								
DUNVEGAN A	109.0	0.15		16.4		16.4	2.4	14.0
FIELD TOTAL	109.0			16.4		16.4	2.4	14.0
LEAHURST 039-18W4								
VIKING E	73.3	0.01		0.7		0.7	0.3	0.4
MANNVILLE C	70.5	<0.02		1.0		1.0	1.0	
MANNVILLE M	76.3	<0.06		3.9		3.9	3.9	
MANNVILLE V	82.8	0.25		20.7		20.7	19.9	0.8
MANNVILLE OO	26.3	0.10		2.6		2.6	0.8	1.8
GLAUCONITIC B WATER FLOOD	1 350.0	0.25	0.15	338.0	202.0	540.0	494.4	45.6
GLAUCONITIC C	680.0	0.05		34.0		34.0	14.5	19.5
GLAUCONITIC D WATER FLOOD	737.0	0.15	0.05	110.0	36.9	147.0	62.2	84.8
GLAUCONITIC E	48.9	0.10		4.9		4.9	0.4	4.5
BASAL QUARTZ A	27.5	<0.06		1.6		1.6	1.6	
BASAL QUARTZ B	45.9	<0.01		0.2		0.2	0.2	
BASAL QUARTZ C	137.0	<0.01		1.2		1.2	1.2	
BASAL QUARTZ E	46.9	0.10		4.7		4.7	2.0	2.7
FIELD TOTAL	3 402.4			523.5	238.9	762.5	602.4	160.1
LEAMAN 055-12W5								
LOWER MANNVILLE G	359.0	0.10		35.9		35.9	28.4	7.5
LOWER MANNVILLE M	152.0	<0.03		4.2		4.2	4.2	
NORDEGG A	287.0	0.03		8.6		8.6	6.3	2.3
NORDEGG C	1 601.0	0.10		160.0		160.0	112.5	47.5
FIELD TOTAL *	2 399.0			208.7		208.7	151.4	57.3
LEDUC-WOODBEND 050-26W4								
BLAIRMORE A	1 449.0	<0.20		279.2		279.2	279.2	
BLAIRMORE B	27.1	<0.08		2.1		2.1	2.1	
BLAIRMORE C	62.4	<0.01		0.1		0.1	0.1	
BLAIRMORE D	404.0	<0.03		9.8		9.8	9.8	
BLAIRMORE E	608.0	0.06		36.5		36.5	28.7	7.8
BLAIRMORE G	130.0	<0.01		0.7		0.7	0.7	
BLAIRMORE H	37.4	<0.02		0.4		0.4	0.4	
BLAIRMORE J	1 502.0	0.45		676.0		676.0	648.1	27.9
BLAIRMORE K	307.0	<0.14		41.9		41.9	41.9	
BLAIRMORE O	101.0	0.10		10.1		10.1	7.2	2.9
BLAIRMORE CC	127.0	<0.01		1.0		1.0	1.0	
BLAIRMORE FF	218.0	<0.01		0.9		0.9	0.9	
BLAIRMORE KK	248.0	<0.01		1.5		1.5	1.5	
BLAIRMORE NN	248.0	0.04		9.9		9.9	3.7	6.2
BLAIRMORE OO	191.0	0.10		19.1		19.1	3.3	15.8
BLAIRMORE RR	111.0	0.07		7.8		7.8	2.8	5.0
BLAIRMORE SS	66.1	0.10		6.6		6.6	5.2	1.4
BLAIRMORE VV	89.6	0.10		9.0		9.0	4.8	4.2
BLAIRMORE W & X	239.0	0.20		47.8		47.8	22.3	25.5
BLAIRMORE BBB	106.0	0.05		5.3		5.3	0.4	4.9
GLAUCONITIC A	76.3	<0.03		1.6		1.6	1.6	
GLAUCONITIC B	57.9	<0.01		0.5		0.5	0.5	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
16	13.80	0.030	0.20	0.88	38	893	61	10 621	-1 019.0	1 411.1	1996	96 08 - GPP
16	3.50	0.160	0.45	0.87	58	864	39		-389.4	1 240.8	1996	97 11 - GPP
612	2.83	0.174	0.30	0.73	119	829	67	22 246	-1 104.1	2 161.5	1956	96 12 - GPP
16	6.73	0.091	0.30	0.67	200	830	82	24 511	-1 202.1	2 401.7	1979	96 06
16	10.54	0.125	0.30	0.74	119	830	67	23 028	-977.4	1 934.0	1985	95 02 - GPP
16	7.40	0.125	0.45	0.90	35	876	43	6 632	-311.7	1 100.9	1982	95 12 - GPP
64	0.92	0.210	0.40	0.95	18	892	44	10 532	-461.3	1 262.6	1973	84 12 - GPP
32	2.70	0.150	0.38	0.95	16	877	39	10 674	-483.9	1 283.8	1982	96 06 - GPP
100	1.00	0.150	0.40	0.92	88	843	52	10 790	-425.1	1 198.0	1989	93 12 - GPP
32	1.00	0.180	0.47	0.86	62	849	52		-480.0	1 309.5	1994	97 05
230	4.07	0.210	0.21	0.87	78	880	41	9 717	-428.5	1 279.7	1992	94 12 - GPP
128	3.48	0.230	0.19	0.82	80	845	48	9 822	-433.7	1 288.4	1992	94 11
134	4.53	0.200	0.26	0.82	78	855	50	9 694	-429.3	1 269.0	1992	96 11
16	2.50	0.210	0.29	0.82	67	847	48	9 813	-440.8	1 291.7	1993	94 06 - GPP
16	2.50	0.150	0.46	0.85	57	897	55	10 923	-475.2	1 299.7	1978	96 06
64	1.10	0.150	0.45	0.79	88	860	55	10 663	-490.8	1 303.9	1979	84 12 - ABAND 95 07
64	2.40	0.150	0.30	0.85	66	873	46	9 432	-466.3	1 235.2	1980	80 12 - ABAND 84 07
16	3.50	0.145	0.32	0.85	58	868	43	8 789	-433.0	1 259.6	1986	94 12
192	2.94	0.122	0.34	0.79	87	886	71	16 298	-957.3	1 886.5	1981	85 09 - GPP
32	9.60	0.180	0.68	0.86	52	927	61	12 261	-834.7	1 645.3	1985	91 10 - ABAND 89 06
128	3.78	0.130	0.47	0.86	65	878	50	12 621	-853.6	1 613.4	1981	93 12
460	5.32	0.160	0.53	0.87	52	923	57	12 548	-835.7	1 623.4	1985	97 12 - GPP
338	3.90	0.183	0.23	0.78	94	834	57	9 864	-605.1	1 308.8	1951	96 06 - GPP
16	1.86	0.150	0.25	0.81	93	834	57	10 590	-595.4	1 298.0	1951	71 12 - ABAND 62 06
16	4.57	0.150	0.28	0.79	93	825	58	10 448	-615.4	1 352.7	1952	62 05 - ABAND 56 08
69	8.23	0.150	0.45	0.86	53	887	57	10 402	-646.3	1 381.8	1952	74 04 - ABAND 74 03
65	10.97	0.150	0.28	0.79	98	825	60	10 347	-646.6	1 347.9	1952	97 12 - GPP
16	9.45	0.150	0.28	0.79	93	825	59	10 460	-649.6	1 354.0	1953	68 03 - ABAND 54 11
16	2.74	0.150	0.28	0.79	93	825	56	9 692	-580.8	1 278.5	1950	68 03 - ABAND 51 05
406	3.29	0.200	0.24	0.74	93	825	54	9 705	-585.6	1 287.6	1948	91 07 - GPP
119	3.05	0.143	0.28	0.82	98	825	62	10 496	-654.6	1 356.6	1951	82 12 - GPP
16	6.00	0.190	0.30	0.79	83	826	54	9 754	-592.9	1 300.3	1948	97 12 - GPP
32	4.60	0.150	0.28	0.80	98	825	60	9 997	-613.0	1 317.0	1953	94 11 - ABAND 87 04
32	5.50	0.190	0.25	0.87	50	880	58		-618.9	1 348.9	1971	97 07 - ABAND 97 03
64	4.00	0.220	0.45	0.80	83	827	54	9 516	-604.0	1 304.3	1983	83 11
32	7.00	0.200	0.30	0.79	83	837	42	9 635	-620.7	1 356.2	1949	96 08 - GPP
64	3.00	0.180	0.30	0.79	83	827	45	9 634	-574.8	1 284.7	1948	88 10 - GPP
32	5.70	0.160	0.52	0.79	83	826	54	9 366	-616.5	1 354.5	1985	96 08 - GPP
16	4.00	0.180	0.30	0.82	70	869	47	9 505	-602.4	1 306.5	1951	94 08 - GPP
16	5.49	0.180	0.30	0.81	93	875	60	8 689	-650.5	1 356.7	1996	96 09 - GPP
32	6.22	0.190	0.20	0.79	83	826	54	10 997	-582.8	1 289.3	1951	95 12 - GPP
32	4.70	0.150	0.46	0.87	52	872	55	10 431	-622.6	1 341.9	1996	97 05
16	4.60	0.180	0.36	0.90	33	840	45	9 208	-562.9	1 306.5	1984	96 06 - ABAND 94 09
16	3.20	0.190	0.30	0.85	62	861	62	10 120	-567.1	1 311.2	1991	96 06

TABLE 2-6

	1	2	3	4	5	6	7	8
FIELD POOL	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
LEDUC-WOODBEND 050-26W4 (CONTINUED)								
GLAUCONITIC D	1 852.0	0.20		370.0		370.0	66.6	303.4
GLAUCONITIC E	45.3	0.15		6.8		6.8	1.0	5.8
GLAUCONITIC F	182.0	0.20		36.4		36.4	5.0	31.4
D-1 A	159.0	<0.03		4.1		4.1	4.1	
D-1 B	54.7	<0.18		9.8		9.8	9.8	
D-2 A TOTAL	32 830.0			11 160.0	3 270.0	14 430.0	14 269.8	160.2
PRIMARY AREA	126.0	0.30		37.8		37.8		
WATER FLOOD AREA	32 700.0	0.34	0.10	11 120.0	3 270.0	14 390.0		
D-2 B	12 500.0	0.27		3 375.0		3 375.0	3 303.4	71.6
D-2 C	413.0	<0.53		217.0		217.0	217.0	
D-2 D	99.5	0.62		61.7		61.7	61.5	0.2
D-2 E	192.0	0.64		123.0		123.0	121.9	1.1
D-2 F	318.0	0.20		63.6		63.6	58.8	4.8
D-2 H	55.2	<0.01		0.4		0.4	0.4	
D-3 A WATER FLOOD	61 200.0	<0.56	0.10	33 700.0	6 120.0	39 820.0	39 694.9	125.1
D-3 B	2 380.0	0.52		1 238.0		1 238.0	1 230.0	8.0
D-3 C	144.0	<0.52		73.7		73.7	73.7	
D-3 D	113.0	<0.40		44.3		44.3	44.3	
D-3 E	403.0	0.10		40.3		40.3	35.0	5.3
D-3 F	1 035.0	0.57		590.0		590.0	577.3	12.7
D-3 G	153.0	0.17		26.0		26.0	22.9	3.1
D-3 H	105.0	<0.04		3.8		3.8	3.8	
D-3 I	118.0	<0.07		7.5		7.5	7.5	
D-3 J	180.0	0.20		36.0		36.0	27.1	8.9
D-3 K	84.3	<0.01		0.3		0.3	0.3	
D-3 L	72.5	<0.01		0.6		0.6	0.6	
D-3 M	213.0	<0.01		0.1		0.1	0.1	
D-3 N	76.1	<0.06		4.2		4.2	4.2	
D-3 O	140.0	0.20		28.0		28.0	6.7	21.3
FIELD TOTAL	121 523.4			52 388.4	9 390.0	61 778.4	60 913.9	864.5
LEGAL 057-25W4								
MIDDLE VIKING A	434.0	0.52		226.0		226.0	221.3	4.7
MANNVILLE B	37.1	<0.03		1.0		1.0	1.0	
D-3 A	32.4	<0.01		0.1		0.1	0.1	
FIELD TOTAL	503.5			227.1		227.1	222.4	4.7
LELAND 059-25W5								
CARDIUM A	102.0	<0.01		0.5		0.5	0.5	
SECOND WHITE SPECKS B	113.0	<0.01		0.7		0.7	0.7	
FIELD TOTAL	215.0			1.2		1.2	1.2	
LEO 036-17W4								
UPPER MANNVILLE A	772.0	0.06		46.3		46.3	42.7	3.6
UPPER MANNVILLE C	333.0	<0.02		5.0		5.0	5.0	
UPPER MANNVILLE D	163.0	0.20		32.6		32.6	24.9	7.7
UPPER MANNVILLE E	481.0	0.03		14.4		14.4	4.1	10.3
UPPER MANNVILLE F	221.0	<0.02		4.2		4.2	4.2	
UPPER MANNVILLE H	207.0	0.10		20.7		20.7	3.4	17.3
UPPER MANNVILLE J	127.0	0.05		6.4		6.4	4.5	1.9
FIELD TOTAL	2 304.0			129.6		129.6	88.8	40.8
LESSARD 124-17W5								
KEG RIVER A	161.0	<0.12		18.2		18.2	18.2	
KEG RIVER B	139.0	0.04		5.6		5.6	5.6	
KEG RIVER C	165.0	<0.06		9.8		9.8	9.8	
FIELD TOTAL	465.0			33.6		33.6	33.6	
LITTLE HORSE 077-12W5								
GILWOOD A	69.1	<0.10		6.9		6.9	3.8	3.1
GILWOOD B	120.0	0.15		18.0		18.0	12.9	5.1
GILWOOD C	322.0	0.25		80.5		80.5	40.0	40.5
GILWOOD E	220.0	<0.07		13.6		13.6	13.6	
GILWOOD F	82.6	<0.01		0.4		0.4	0.4	
GILWOOD I	192.0	<0.02		2.9		2.9	2.9	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
256	6.42	0.170	0.22	0.85	62	861	61	11 776	-627.3	1 391.5	1995	96 07
16	4.50	0.130	0.43	0.85	62	861	61	11 833	-634.6	1 399.3	1994	96 06 - GPP
64	3.00	0.160	0.23	0.77	95	867	62	11 216	-589.2	1 307.0	1996	97 01 - GPP
65	5.39	0.074	0.25	0.82	71	820	58	9 919	-643.6	1 355.7	1963	97 12 - GPP
98	0.91	0.100	0.25	0.82	74	820	54	9 018	-492.9	1 197.0	1964	68 03 - ABAND 97 03
9 217					115	834	63	12 713	-870.1	1 603.7	1947	94 09 - GPP
48	15.77	0.030	0.26	0.75								
9 169	18.90	0.034	0.26	0.75								
4 641	11.33	0.048	0.34	0.75	98	834	60	12 824	-865.0	1 603.9	1950	85 05 - GPP
309	5.18	0.043	0.20	0.75	110	834	62	12 842	-914.5	1 658.6	1950	95 05 - ABAND 92 03
110	8.08	0.020	0.30	0.80	109	834	63	12 927	-891.9	1 619.0	1951	96 12 - GPP
128	9.02	0.028	0.30	0.85	109	834	62	12 927	-886.8	1 576.7	1950	96 12 - GPP
199	8.29	0.033	0.24	0.77	111	834	64	13 084	-915.8	1 653.1	1960	77 12 - GPP
16	22.70	0.030	0.35	0.78	87	833	65	11 455	-889.9	1 612.4	1991	93 04 - ABAND 92 12
8 812	10.77	0.100	0.14	0.75	98	825	66	13 265	-915.5	1 625.3	1947	85 12 - GPP
751	7.99	0.060	0.13	0.76	85	825	66	13 226	-917.3	1 650.2	1948	88 12 - GPP
53	5.18	0.080	0.13	0.76	85	825	67	13 293	-927.3	1 649.4	1950	71 12 - ABAND 71 10
24	8.84	0.080	0.13	0.76	85	825	67	13 200	-913.5	1 588.6	1949	72 05 - ABAND 66 01
65	10.67	0.090	0.14	0.75	85	825	48	11 718	-927.6	1 648.4	1967	83 12 - GPP
81	20.91	0.093	0.10	0.73	94	825	61	11 823	-942.1	1 659.4	1968	90 12 - GPP
65	4.27	0.090	0.19	0.76	103	839	66	11 843	-965.5	1 703.1	1950	96 08 - GPP
64	4.00	0.065	0.17	0.76	99	847	74	13 091	-933.8	1 659.2	1984	86 03 - ABAND 95 07
32	5.50	0.100	0.12	0.76	98	833	66	11 449	-933.8	1 653.3	1985	90 12 - ABAND 90 12
64	7.00	0.066	0.20	0.76	99	848	54	11 915	-958.3	1 690.5	1985	91 12 - GPP
64	1.70	0.120	0.15	0.76	94	812	67	11 677	-954.2	1 685.3	1985	86 06 - ABAND 88 05
64	2.30	0.090	0.28	0.76	94	826	63	11 850	-964.9	1 701.0	1985	86 06 - ABAND 88 05
64	6.30	0.080	0.13	0.76	94	838	63	11 267	-921.0	1 648.9	1985	89 12 - ABAND 91 09
65	1.22	0.150	0.20	0.80	115	845	66	12 480	-1 049.2	1 762.4	1961	75 12 - ABAND 70 05
32	6.00	0.110	0.13	0.76	94	869	39	11 601	-944.1	1 674.7	1993	94 07 - GPP
233	1.50	0.180	0.25	0.92	36	876	36	5 953	-143.0	853.4	1952	92 12 - GPP
16	1.83	0.190	0.25	0.89	30	876	43	7 000	-361.5	1 070.5	1950	68 03 - ABAND 66 06
16	3.20	0.090	0.12	0.80	55	946	44	11 454	-770.8	1 458.3	1984	85 02 - ABAND 86 11
64	3.00	0.100	0.23	0.69	150	822	71	21 103	-940.6	2 207.5	1980	88 12 - ABAND 95 06
64	3.00	0.120	0.29	0.69	140	823	80	23 133	-1 197.4	2 464.3	1980	85 02 - ABAND 95 06
149	4.36	0.200	0.34	0.90	37	855	39	8 315	-320.8	1 155.4	1983	96 08 - GPP
128	3.08	0.160	0.40	0.88	51	855	35	6 792	-336.6	1 165.5	1975	95 10 - ABAND 95 08
64	1.80	0.220	0.27	0.88	53	844	40	8 076	-327.0	1 155.8	1977	97 12 - GPP
64	7.92	0.154	0.30	0.88	45	865	40	8 226	-308.9	1 141.7	1978	85 12 - GPP
32	6.70	0.156	0.25	0.88	43	855	28	7 915	-302.5	1 134.5	1971	96 12 - ABAND 95 08
32	4.00	0.240	0.26	0.91	33	869	39	7 674	-314.9	1 148.0	1987	88 09 - GPP
64	1.60	0.220	0.38	0.91	33	870	39	8 187	-317.7	1 154.2	1988	89 06 - GPP
64	7.00	0.050	0.19	0.89	32	895	56	9 760	-673.7	978.5	1974	96 06
16	42.80	0.030	0.25	0.90	32	889	50	10 057	-708.6	1 014.5	1984	92 12 - ABAND 90 03
64	52.00	0.010	0.43	0.87	42	880	60	9 987	-692.7	996.5	1985	86 05 - ABAND 90 03
32	2.73	0.126	0.27	0.86	69	828	65	20 432	-1 300.9	2 038.6	1987	96 06 - GPP
64	3.90	0.127	0.56	0.86	50	840	61	20 072	-1 270.6	1 993.6	1987	92 05
96	3.75	0.130	0.20	0.86	42	831	63	20 048	-1 262.5	1 997.1	1986	93 06
64	3.84	0.170	0.38	0.85	30	824	64	20 626	-1 313.0	2 040.6	1987	94 06 - GPP
64	1.80	0.130	0.38	0.89	45	849	56	19 280	-1 268.5	1 975.3	1988	92 10 - ABAND 94 01
64	2.98	0.150	0.20	0.84	58	831	64	19 324	-1 268.2	2 008.8	1993	96 01 - ABAND 95 10

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 ENHANCED 10^3m^3	6 TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
LITTLE HORSE 077-12W5 (CONTINUED)								
GILWOOD J	180.0	0.05		9.0		9.0	1.7	7.3
GILWOOD K	259.0	0.13		33.7		33.7	13.3	20.4
GILWOOD L	476.0	0.35		167.0		167.0	83.7	83.3
GILWOOD M	386.0	0.25		96.5		96.5	53.1	43.4
GILWOOD N	943.0	0.30		283.0		283.0	136.4	146.6
GILWOOD O	140.0	0.25		35.0		35.0	19.0	16.0
GILWOOD P	692.0	0.33		228.0		228.0	154.9	73.1
GILWOOD Q	348.0	0.12		41.8		41.8	11.9	29.9
GILWOOD R	121.0	0.20		24.2		24.2	12.5	11.7
GILWOOD S	321.0	0.25		80.3		80.3	13.0	67.3
GILWOOD T	120.0	0.25		30.0		30.0	5.4	24.6
GILWOOD U	228.0	0.15		34.2		34.2	7.2	27.0
GILWOOD V	158.0	0.25		39.5		39.5	13.5	26.0
GILWOOD W	199.0	0.25		49.8		49.8	8.8	41.0
GILWOOD X	234.0	0.25		58.5		58.5	24.3	34.2
GILWOOD Y	324.0	0.30		97.2		97.2	29.5	67.7
GILWOOD Z	51.0	0.30		15.3		15.3	12.4	2.9
GILWOOD AA	139.0	0.25		34.8		34.8	10.7	24.1
GILWOOD BB	201.0	0.30		60.3		60.3	32.7	27.6
GILWOOD CC	55.3	0.25		13.8		13.8	4.5	9.3
GILWOOD DD	79.8	<0.05		3.3		3.3	3.3	
GILWOOD EE	358.0	0.25		89.5		89.5	37.3	52.2
GILWOOD FF	159.0	0.20		31.8		31.8	12.8	19.0
GILWOOD GG	193.0	0.25		48.3		48.3	5.6	42.7
FIELD TOTAL	7 370.8			1 727.1		1 727.1	781.1	946.0
LITTLE SMOKY 067-22W5								
D-3	409.0	0.50		205.0		205.0	203.3	1.7
FIELD TOTAL	409.0			205.0		205.0	203.3	1.7
LOCHEND 027-03W5								
CARDIUM D	57.0	0.10		5.7		5.7	0.5	5.2
CARDIUM F	35.8	0.05		1.8		1.8	1.4	0.4
CARDIUM G	150.0	0.10		15.0		15.0	4.0	11.0
CARDIUM H	141.0	0.10		14.1		14.1	6.5	7.6
CARDIUM I	58.6	0.20		11.7		11.7	9.0	2.7
CARDIUM J	122.0	0.10		12.2		12.2	3.5	8.7
CARDIUM K	110.0	<0.02		1.9		1.9	1.9	
CARDIUM L	78.8	0.10		7.9		7.9	5.9	2.0
CARDIUM M	96.3	0.15		14.4		14.4	14.2	0.2
CARDIUM A,C & E	11 270.0	0.07		789.0		789.0	641.8	147.2
VIKING A	115.0	<0.02		2.0		2.0	2.0	
VIKING B	27.1	0.04		1.1		1.1	0.3	0.8
BANFF A	50.2	<0.09		4.2		4.2	4.2	
FIELD TOTAL	12 311.8			881.0		881.0	695.2	185.8
LOMOND 018-23W4								
GLAUCONITIC A	58.0	<0.02		0.8		0.8	0.8	
ELLERSLIE A	67.1	<0.02		0.8		0.8	0.8	
ELLERSLIE B	101.0	<0.01		0.4		0.4	0.4	
ELLERSLIE C	82.5	<0.01		0.1		0.1	0.1	
ELLERSLIE F	131.0	0.05		6.6		6.6	0.4	6.2
SAWTOOTH A	154.0	<0.03		4.3		4.3	4.3	
FIELD TOTAL	593.6			13.0		13.0	6.8	6.2
LONE PINE CREEK 030-28W4								
ELLERSLIE A	149.0	0.10		14.9		14.9	4.5	10.4
D-2 A	500.0	0.20		100.0		100.0	78.5	21.5
D-3 A	2 350.0	<0.02		29.2		29.2	29.2	
FIELD TOTAL	2 999.0			144.1		144.1	112.2	31.9
LONG COULEE 016-21W4								
GLAUCONITIC A	91.1	<0.08		6.5		6.5	6.5	
GLAUCONITIC F	877.0	0.15		132.0		132.0	98.7	33.3
GLAUCONITIC H	360.0	0.15		54.0		54.0	47.3	6.7

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
64	3.06	0.190	0.43	0.85	58	831	64	20 041	-1 307.0	2 039.0	1993	94 04 - GPP
128	2.30	0.170	0.39	0.85	58	831	64	20 177	-1 299.1	2 030.8	1993	96 08 - GPP
128	3.79	0.160	0.27	0.84	58	831	64	20 353	-1 312.4	2 041.9	1993	94 12 - GPP
50	6.85	0.170	0.22	0.85	58	845	64	20 666	-1 318.6	2 048.3	1987	96 08 - GPP
128	5.73	0.210	0.28	0.85	58	845	64	20 434	-1 316.6	2 047.5	1992	96 05 - GPP
64	2.81	0.150	0.39	0.85	58	845	64	20 143	-1 316.8	2 051.5	1994	94 06 - GPP
166	4.30	0.190	0.40	0.85	58	845	64	20 238	-1 319.0	2 042.8	1994	97 12 - GPP
64	5.50	0.180	0.33	0.82	65	821	56	19 819	-1 311.0	2 041.8	1994	96 08 - GPP
32	3.43	0.190	0.31	0.84	58	831	64	18 274	-1 231.8	1 966.4	1994	95 08 - GPP
32	6.50	0.230	0.20	0.84	58	845	64	20 334	-1 315.3	2 042.1	1993	94 08 - GPP
64	1.50	0.240	0.38	0.84	58	831	64	19 813	-1 318.2	2 030.8	1994	94 11 - GPP
64	4.00	0.180	0.41	0.84	58	831	64	19 924	-1 296.5	2 056.0	1994	95 03
64	2.00	0.210	0.30	0.84	58	831	64	19 880	-1 326.7	2 041.0	1994	95 04 - GPP
64	3.80	0.180	0.46	0.84	60	844	58	20 517	-1 353.0	2 069.9	1994	95 06 - GPP
64	4.70	0.160	0.42	0.84	60	844	58	20 439	-1 347.5	2 075.1	1994	95 06 - GPP
128	2.64	0.150	0.24	0.84	58	831	64	19 838	-1 316.2	2 063.6	1994	97 12 - GPP
16	3.70	0.180	0.43	0.84	60	844	58	20 131	-1 344.7	2 025.5	1995	97 12 - GPP
64	2.00	0.160	0.19	0.84	59	844	58	19 364	-1 294.8	2 028.8	1995	96 05 - GPP
64	4.34	0.140	0.40	0.86	70	825	63	20 771	-1 333.6	2 008.9	1989	90 03 - GPP
64	1.70	0.110	0.45	0.84	58	831	64	19 283	-1 322.6	2 030.2	1994	94 12 - GPP
65	2.74	0.080	0.30	0.80	65	840	60	20 286	-1 304.0	1 987.7	1962	76 12 - ABAND 70 03
64	4.90	0.160	0.16	0.85	58	831	64	19 841	-1 342.1	2 036.0	1996	96 06 - GPP
64	2.80	0.180	0.42	0.85	58	840	64	19 081	-1 285.8	2 030.1	1996	97 12 - GPP
64	2.70	0.190	0.30	0.84	60	844	58	19 029	-1 277.9	2 030.7	1996	96 07 - GPP
97	12.44	0.070	0.18	0.59	205	825	90	27 896	-1 983.3	2 668.2	1954	94 11 - GPP
64	2.00	0.100	0.45	0.81	119	834	68	24 353	-885.0	2 103.8	1983	84 11 - GPP
64	1.32	0.062	0.10	0.76	110	834	52	20 374	-874.1	2 058.2	1985	97 12 - GPP
64	3.30	0.110	0.15	0.76	110	848	58	21 635	-1 069.9	2 349.7	1981	82 03 - GPP
64	3.10	0.110	0.10	0.72	125	824	68	18 716	-935.3	2 221.6	1980	87 04 - GPP
64	1.30	0.109	0.15	0.76	115	824	57	18 356	-980.0	2 223.5	1982	97 12 - GPP
64	3.90	0.080	0.15	0.72	135	824	56	25 275	-1 002.8	2 287.7	1983	83 06 - GPP
32	5.60	0.090	0.15	0.80	94	827	58	20 634	-909.4	2 183.3	1986	96 12 - ABAND 96 09
64	1.80	0.100	0.10	0.76	109	825	54	25 480	-927.6	2 198.9	1985	88 01 - GPP
64	2.20	0.100	0.10	0.76	105	820	56	27 574	-1 110.7	2 274.7	1986	93 12 - GPP
9 984	1.65	0.100	0.10	0.76	109	825	54	25 542	-1 042.3	2 263.7	1961	97 12 - GPP
16	12.00	0.110	0.22	0.70	140	831	70	24 392	-1 274.6	2 517.1	1981	89 12
8	6.60	0.130	0.50	0.79	84	832	80	24 250	-1 301.4	2 498.0	1977	94 04 - GPP
32	28.00	0.010		0.56	248	837	99	40 618	-1 872.9	3 099.7	1991	96 06
32	1.80	0.180	0.30	0.80	94	857	46	9 910	-588.3	1 641.0	1985	91 10 - ABAND 89 03
64	1.80	0.130	0.44	0.80	95	874	44	14 614	-626.9	1 599.8	1981	82 09 - ABAND 96 09
64	2.75	0.120	0.40	0.80	81	868	44	14 480	-609.0	1 631.0	1985	85 12 - ABAND 87 08
64	2.20	0.120	0.39	0.80	81	868	44	14 738	-643.6	1 696.3	1985	85 11 - ABAND 89 03
32	5.00	0.140	0.32	0.86	64	900	43		-586.6	1 577.2	1996	97 06
64	4.00	0.150	0.50	0.80	85	868	50	13 801	-649.8	1 691.5	1984	85 03 - ABAND 88 06
64	4.20	0.100	0.35	0.85	66	886	43	13 132	-1 149.4	2 124.8	1958	90 10
497	2.92	0.070	0.22	0.63	155	825	71	22 542	-1 430.5	2 369.3	1965	89 04 - GPP
1 616	3.96	0.080	0.15	0.54	237	806	82	23 004	-1 492.6	2 442.8	1963	82 12 - GPP
32	3.00	0.180	0.38	0.85	60	900	39	11 799	-462.5	1 414.9	1982	96 06 - GPP
320	2.38	0.180	0.20	0.80	94	834	46	11 065	-485.0	1 489.7	1967	95 12 - GPP
196	1.59	0.190	0.24	0.80	94	838	46	11 882	-496.3	1 446.3	1981	96 08 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 INITIAL ESTABLISHED RESERVES ENHANCED 10^3m^3	6 INITIAL ESTABLISHED RESERVES TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
LONG COULEE 016-21W4 (CONTINUED)								
GLAUCONITIC J	298.0	0.20		59.6		59.6	48.1	11.5
GLAUCONITIC N	106.0	<0.02		1.1		1.1	1.1	
GLAUCONITIC Q TOTAL	4 014.0			602.0	220.0	822.0	252.2	569.8
PRIMARY AREA	1 813.0	0.15		272.0		272.0		
WATER FLOOD AREA	2 201.0	0.15	0.10	330.0	220.0	550.0		
GLAUCONITIC T	440.0	0.17		74.8		74.8	50.0	24.8
GLAUCONITIC U	95.2	<0.05		4.4		4.4	4.4	
GLAUCONITIC V	101.0	<0.01		0.1		0.1	0.1	
GLAUCONITIC X	89.0	<0.01		0.4		0.4	0.4	
GLAUCONITIC BB	166.0	<0.01		0.1		0.1	0.1	
GLAUCONITIC CC	122.0	0.20		24.4		24.4	23.2	1.2
GLAUCONITIC II	42.7	<0.01		0.2		0.2	0.2	
GLAUCONITIC JJ	95.8	0.15		14.4		14.4	5.1	9.3
GLAUCONITIC OO	399.0	0.10		39.9		39.9	10.7	29.2
GLAUCONITIC RR	268.0	0.10		26.8		26.8	9.2	17.6
GLAUCONITIC TT	83.6	0.15		12.5		12.5	2.5	10.0
GLAUCONITIC I & SUNBURST G	326.0	0.10		32.6		32.6	21.0	11.6
SUNBURST C	265.0	<0.01		1.3		1.3	1.3	
SUNBURST F	301.0	0.10		30.1		30.1	12.9	17.2
SUNBURST H	106.0	<0.03		3.1		3.1	3.1	
SUNBURST I	1 214.0	0.17		206.0		206.0	190.9	15.1
SUNBURST K TOTAL	3 120.0			324.0	300.0	624.0	308.9	315.1
PRIMARY AREA	120.0	0.20		24.0		24.0		
WATER FLOOD AREA	3 000.0	0.10	0.10	300.0	300.0	600.0		
SUNBURST L	345.0	0.10		34.5		34.5	2.0	32.5
SUNBURST N	174.0	0.15		26.1		26.1	11.5	14.6
SUNBURST P TOTAL	2 999.0			300.0	113.0	413.0	135.7	277.3
PRIMARY AREA	2 432.0	0.10		243.0		243.0		
WATER FLOOD AREA	567.0	0.10	0.20	56.7	113.0	170.0		
SUNBURST W	35.6	<0.01		0.1		0.1	0.1	
SUNBURST X	105.0	0.10		10.5		10.5	1.5	9.0
ELLERSLIE A	48.4	<0.08		3.5		3.5	3.5	
SAWTOOTH D	285.0	0.10		28.5		28.5	10.3	18.2
LIVINGSTONE A	394.0	0.10		39.4		39.4	10.2	29.2
FIELD TOTAL	17 366.4			2 092.9	633.0	2 725.9	1 272.7	1 453.2
LOON 085-09W5								
SLAVE POINT D	78.8	0.10		7.9		7.9	4.0	3.9
SLAVE POINT E	127.0	0.08		10.2		10.2	5.7	4.5
SLAVE POINT G TOTAL	6 600.0			370.0	107.0	477.0	281.5	195.5
PRIMARY AREA	1 259.0	0.04		50.4		50.4		
WATER FLOOD AREA	5 341.0	0.06	0.02	320.0	107.0	427.0		
SLAVE POINT I	177.0	<0.01		0.4		0.4	0.4	
SLAVE POINT J	82.1	0.25		20.5		20.5	12.1	8.4
SLAVE POINT K	218.0	0.02		4.4		4.4	3.8	0.6
SLAVE POINT C & GRANITE WASH B	2 019.0	0.09		182.0		182.0	177.3	4.7
SLAVE POINT A & GRANITE WASH J TOT	6 234.0			279.0	111.0	390.0	383.8	6.2
PRIMARY AREA	3 441.0	<0.06		195.0		195.0		
WATER FLOOD AREA	2 793.0	<0.04	0.04	84.1	111.0	195.0		
GRANITE WASH A	623.0	0.30		187.0		187.0	127.1	59.9
GRANITE WASH C	170.0	<0.19		32.1		32.1	32.1	
GRANITE WASH D	194.0	<0.03		4.1		4.1	4.1	
GRANITE WASH E	1 861.0	0.18		335.0		335.0	266.8	68.2
GRANITE WASH H	37.2	<0.06		2.2		2.2	2.2	
GRANITE WASH I	162.0	<0.01		1.3		1.3	1.3	
GRANITE WASH K	341.0	0.09		30.7		30.7	26.4	4.3
GRANITE WASH L	188.0	0.05		9.4		9.4	8.4	1.0
GRANITE WASH M	392.0	0.04		15.7		15.7	11.1	4.6
GRANITE WASH N	91.6	0.15		13.7		13.7	3.2	10.5
GRANITE WASH O	28.8	0.10		2.9		2.9	0.5	2.4
GRANITE WASH P	913.0	0.20		183.0		183.0	69.6	113.4
GRANITE WASH Q	96.4	0.10		9.6		9.6	1.4	8.2
GRANITE WASH R	154.0	0.20		30.8		30.8	13.9	16.9
GRANITE WASH S	198.0	0.25		49.5		49.5	29.0	20.5
GRANITE WASH T	63.8	0.20		12.8		12.8	1.8	11.0
GRANITE WASH U	157.0	0.20		31.4		31.4	5.8	25.6
GRANITE WASH V	30.2	0.20		6.0		6.0	0.3	5.7

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
252	1.47	0.150	0.33	0.80	94	858	46	13 315	-532.9	1 536.5	1986	92 12
64	2.44	0.150	0.50	0.90	39	829	38	13 505	-470.8	1 412.3	1976	83 12 - ABAND 96 01
2 086					80	848	43	13 334	-509.1	1 508.1	1983	96 04
1 076	1.40	0.180	0.24	0.88								
1 010	1.81	0.180	0.24	0.88								- GPP
40	8.38	0.200	0.18	0.80	92	872	38	12 430	-367.5	1 290.7	1987	97 01 - GPP
32	3.40	0.180	0.40	0.81	90	853	41	13 514	-631.0	1 651.8	1981	96 06 - GPP
64	2.30	0.150	0.43	0.80	93	834	46	11 901	-358.5	1 242.0	1989	89 10 - ABAND 91 02
64	1.40	0.170	0.27	0.80	92	872	38	12 449	-370.1	1 285.1	1986	90 07 - ABAND 93 12
64	2.40	0.180	0.25	0.80	94	834	46	11 743	-504.7	1 488.8	1990	95 06 - ABAND 95 02
64	2.00	0.170	0.30	0.80	94	858	46	12 432	-529.2	1 505.7	1983	90 12
16	2.30	0.180	0.25	0.86	63	850	41	13 471	-605.2	1 545.7	1992	93 12 - ABAND 93 01
50	2.00	0.190	0.37	0.80	94	834	46	13 910	-545.1	1 521.3	1992	95 12 - GPP
128	2.70	0.170	0.21	0.86	64	850	41	13 097	-420.3	1 341.8	1995	97 04 - GPP
128	1.90	0.160	0.20	0.86	64	850	41		-419.7	1 338.3	1995	97 04 - GPP
64	1.10	0.210	0.35	0.87	62	870	42		-523.1	1 497.0	1996	97 08
148	1.70	0.200	0.19	0.80	94	854	46	10 367	-460.5	1 436.3	1982	95 05 - GPP
65	4.27	0.200	0.40	0.80	83	860	43	13 606	-476.4	1 452.1	1974	89 12 - ABAND 93 03
64	7.00	0.200	0.60	0.84	68	844	38	13 856	-542.0	1 517.1	1979	84 05 - GPP
64	1.52	0.200	0.35	0.84	67	860	45	12 955	-423.5	1 342.8	1976	94 11 - ABAND 93 08
654	2.73	0.170	0.50	0.80	94	834	46	13 277	-502.7	1 416.6	1989	95 12 - GPP
1 126					80	849	43	12 677	-514.4	1 522.2	1991	97 12
112	1.51	0.150	0.43	0.83								
1 014	4.17	0.150	0.43	0.83								
374	1.22	0.160	0.43	0.83	80	849	43	13 330	-568.3	1 574.5	1989	93 09
128	2.18	0.160	0.50	0.78	112	825	42	12 349	-508.0	1 432.8	1992	93 12 - GPP
770					80	848	43	13 253	-469.6	1 462.4	1992	97 10
622	4.99	0.160	0.41	0.83								
148	4.73	0.160	0.39	0.83								- GPP
16	3.50	0.140	0.44	0.81	93	850	40	12 756	-431.3	1 343.4	1994	96 06
32	3.90	0.160	0.35	0.81	93	851	40	12 471	-432.9	1 349.9	1995	96 07
16	4.00	0.120	0.30	0.90	168	750	43	13 841	-519.7	1 442.7	1979	96 06
64	3.20	0.260	0.33	0.80	95	914	35	12 681	-393.0	1 292.7	1985	86 04 - GPP
128	3.83	0.170	0.43	0.83	83	842	29	12 722	-398.3	1 296.0	1991	97 03
64	4.50	0.050	0.37	0.87	45	820	44	14 003	-844.9	1 372.7	1980	97 12 - GPP
16	11.40	0.090	0.15	0.91	29	827	44	14 259	-854.5	1 381.4	1983	97 12 - GPP
1 691					44	830	44	14 657	-803.8	1 327.7	1985	96 03
362	8.16	0.070	0.30	0.87								
1 329	9.85	0.070	0.33	0.87								- GPP
32	18.30	0.060	0.42	0.87	18	825	38	15 166	-864.5	1 399.8	1987	96 05 - ABAND 93 12
64	4.03	0.062	0.41	0.87	47	834	40	15 708	-885.4	1 414.7	1986	97 12 - GPP
64	6.42	0.088	0.29	0.85	60	850	32	14 253	-848.7	1 376.9	1985	90 12 - GPP
437	5.57	0.160	0.39	0.85	55	828	45	15 825	-914.8	1 445.2	1982	93 01 - GPP
1 914					24	820	48	16 039	-868.4	1 427.8	1965	93 01 - GPP
768	12.19	0.065	0.35	0.87								
1 146	7.55	0.053	0.30	0.87								
630	1.40	0.140	0.42	0.87	51	820	77	16 861	-965.3	1 540.0	1965	97 12 - GPP
128	1.98	0.116	0.32	0.85	51	845	49	16 347	-967.4	1 567.8	1985	96 06 - GPP
64	3.40	0.150	0.30	0.85	64	830	42	17 030	-936.8	1 469.5	1982	86 03 - ABAND 90 03
640	3.38	0.157	0.37	0.87	48	835	36	15 442	-895.2	1 417.6	1985	94 12 - GPP
16	3.00	0.150	0.40	0.86	51	821	49	16 282	-955.8	1 538.5	1985	96 06 - GPP
64	3.00	0.160	0.38	0.85	55	829	48	16 653	-946.6	1 488.8	1983	87 07 - ABAND 90 03
64	5.20	0.180	0.33	0.85	55	830	48	15 548	-948.9	1 472.2	1987	96 08 - GPP
64	3.00	0.170	0.33	0.86	51	821	49	13 959	-953.7	1 511.0	1988	91 12 - GPP
64	5.30	0.190	0.30	0.87	39	837	41	15 265	-959.4	1 484.1	1989	96 08 - GPP
64	3.20	0.130	0.60	0.86	51	821	49	16 271	-976.1	1 504.3	1984	90 04 - GPP
64	1.17	0.080	0.44	0.86	51	821	49	15 208	-961.3	1 564.3	1981	92 02 - GPP
64	8.10	0.230	0.14	0.89	49	823	38	12 981	-886.8	1 407.0	1994	94 06 - GPP
64	3.70	0.104	0.55	0.87	43	820	46	15 277	-967.3	1 569.2	1982	96 05 - GPP
64	1.80	0.210	0.26	0.86	57	828	37	16 811	-871.6	1 391.6	1994	94 11 - GPP
96	1.97	0.190	0.38	0.89	49	823	38	16 323	-971.7	1 519.0	1994	96 08 - GPP
32	2.00	0.200	0.42	0.86	57	828	37	10 201	-967.7	1 520.2	1996	96 09 - GPP
64	2.92	0.150	0.35	0.86	57	828	37		-953.5	1 500.3	1996	97 07
32	1.30	0.130	0.35	0.86	51	821	49		-959.8	1 538.2	1996	97 11 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
LOON 085-09W5 (CONTINUED)								
FIELD TOTAL	21 236.9			1 831.6	218.0	2 049.6	1 473.6	576.0
LUBICON 087-10W5								
GRANITE WASH B	420.0	0.35		147.0		147.0	102.0	45.0
GRANITE WASH C	318.0	0.20		63.6		63.6	53.5	10.1
GRANITE WASH D	236.0	<0.02		4.1		4.1	4.1	
GRANITE WASH E	63.2	0.20		12.6		12.6	0.7	11.9
GRANITE WASH F	31.1	0.20		6.2		6.2	0.2	6.0
GRANITE WASH G	76.9	0.25		19.2		19.2	0.5	18.7
FIELD TOTAL	1 145.2			252.7		252.7	161.0	91.7
LUNNFORD 059-03W5								
ELLERSLIE D	322.0	0.05		16.1		16.1	8.6	7.5
FIELD TOTAL	322.0			16.1		16.1	8.6	7.5
MAJORVILLE 018-19W4								
UPPER MANNVILLE B	762.0	0.50		381.0		381.0	351.8	29.2
UPPER MANNVILLE C	297.0	<0.05		13.0		13.0	13.0	
UPPER MANNVILLE G	67.7	0.10		6.8		6.8	1.9	4.9
UPPER MANNVILLE H	101.0	<0.03		3.0		3.0	3.0	
UPPER MANNVILLE I	52.0	<0.02		0.9		0.9	0.9	
UPPER MANNVILLE O	77.2	0.10		7.7		7.7	0.6	7.1
UPPER MANNVILLE P	25.4	<0.10		2.5		2.5	2.5	
UPPER MANNVILLE Q	45.7	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE A	160.0	<0.04		6.0		6.0	6.0	
LOWER MANNVILLE C	82.0	<0.01		0.4		0.4	0.4	
LOWER MANNVILLE D	48.2	<0.01		0.1		0.1	0.1	
FIELD TOTAL	1 718.2			421.5		421.5	380.3	41.2
MALMO 043-22W4								
BLAIRMORE A	1 270.0	0.20		254.0		254.0	237.0	17.0
ELLERSLIE C	35.5	<0.09		3.0		3.0	3.0	
ELLERSLIE D	55.3	<0.01		0.1		0.1	0.1	
ELLERSLIE F	49.8	<0.07		3.2		3.2	3.2	
D-2 A	2 570.0	0.45		1 157.0		1 157.0	1 142.2	14.8
D-2 B	15.8	<0.06		0.8		0.8	0.8	
D-3 A	1 600.0	0.52		832.0		832.0	815.4	16.6
D-3 C	71.1	<0.02		0.8		0.8	0.8	
D-3 D	120.0	<0.01		1.0		1.0	1.0	
FIELD TOTAL	5 787.5			2 251.9		2 251.9	2 203.5	48.4
MANIR 072-03W6								
CHARLIE LAKE A	4 065.0	0.15		610.0		610.0	421.3	188.7
CHARLIE LAKE E	271.0	<0.01		0.1		0.1	0.1	
CHARLIE LAKE H	159.0	0.15		23.9		23.9	13.9	10.0
FIELD TOTAL	4 495.0			634.0		634.0	435.3	198.7
MANITO 042-20W4								
GLAUCONITIC A	167.0	<0.01		1.5		1.5	1.5	
ELLERSLIE A,B,C & D	163.0	<0.01		0.4		0.4	0.4	
FIELD TOTAL	330.0			1.9		1.9	1.9	
MANOLA 059-02W5								
LOWER MANNVILLE E	1 639.0	0.05		82.0		82.0	45.1	36.9
LOWER MANNVILLE F	275.0	0.05		13.8		13.8	5.3	8.5
LOWER MANNVILLE H	346.0	0.05		17.3		17.3	3.7	13.6
LOWER MANNVILLE I	1 025.0	0.03		30.8		30.8	18.5	12.3
LOWER MANNVILLE K	228.0	0.10		22.8		22.8	15.0	7.8
LOWER MANNVILLE L	401.0	0.10		40.1		40.1	29.3	10.8
LOWER MANNVILLE M	152.0	0.10		15.2		15.2	0.8	14.4
LOWER MANNVILLE N	165.0	0.10		16.5		16.5	0.6	15.9
FIELD TOTAL	4 231.0			238.5		238.5	118.3	120.2

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
73	4.22	0.220	0.27	0.85	60	834	34	15 564	-912.8	1 451.0	1968	97 12
60	3.39	0.233	0.21	0.85	60	834	44	15 974	-912.0	1 440.2	1962	86 12 - GPP
64	3.00	0.213	0.33	0.86	57	846	37	15 956	-942.4	1 483.5	1986	94 11 - ABAND 91 03
64	1.10	0.180	0.42	0.86	57	828	37	11 750	-960.7	1 500.7	1994	95 02 - GPP
32	1.44	0.140	0.44	0.86	57	828	37	15 597	-917.1	1 436.0	1984	95 03 - GPP
40	2.10	0.190	0.44	0.86	57	828	37		-906.3	1 443.4	1996	96 12
128	3.74	0.150	0.49	0.88	47	889	34	8 129	-444.1	1 121.5	1991	92 11 - GPP
135	3.68	0.220	0.18	0.85	58	887	60	11 843	-433.8	1 369.2	1974	97 12 - GPP
65	3.03	0.240	0.26	0.85	58	887	60	12 790	-491.3	1 424.3	1975	96 06 - ABAND 96 05
32	2.00	0.180	0.30	0.84	72	870	40	12 206	-454.4	1 380.8	1986	96 08 - GPP
64	2.00	0.140	0.32	0.83	70	872	42	12 259	-472.6	1 380.5	1981	82 06 - ABAND 88 04
16	4.30	0.130	0.30	0.83	73	846	32	11 791	-426.9	1 347.8	1987	96 06 - GPP
64	1.70	0.150	0.45	0.86	65	868	40	11 837	-420.9	1 349.9	1991	92 06 - GPP
32	0.91	0.170	0.46	0.95	45	890	42	12 095	-448.9	1 394.6	1992	96 06
16	3.00	0.160	0.30	0.85	64	868	40	11 916	-449.1	1 366.4	1993	96 06
64	3.66	0.160	0.50	0.85	66	876	40	12 355	-419.5	1 344.3	1976	94 07 - ABAND 93 07
64	1.80	0.135	0.38	0.85	60	872	40	12 474	-434.7	1 387.1	1987	92 10 - ABAND 91 10
16	3.30	0.200	0.45	0.83	83	903	45	11 973	-469.6	1 386.7	1986	92 09 - ABAND 92 06
203	4.08	0.252	0.24	0.80	78	825	56	10 286	-611.5	1 436.2	1952	95 12 - GPP
16	2.00	0.240	0.45	0.84	69	843	55	9 208	-621.7	1 401.0	1983	96 06 - GPP
64	1.20	0.170	0.45	0.77	95	882	66	9 189	-579.9	1 390.4	1989	90 01 - ABAND 89 11
16	4.50	0.230	0.65	0.86	56	828	53	9 314	-609.5	1 411.7	1976	96 06 - GPP
573	15.30	0.047	0.20	0.78	95	834	57	11 654	-730.5	1 543.4	1952	86 12 - GPP
16	3.20	0.050	0.20	0.77	94	828	57	11 361	-688.4	1 518.4	1953	94 11 - ABAND 94 03
220	15.54	0.070	0.12	0.76	111	834	58	4 921	-780.5	1 598.9	1952	92 12 - GPP
65	2.44	0.067	0.12	0.76	111	829	56	15 396	-848.3	1 630.4	1965	73 02 - ABAND 84 03
16	16.90	0.074	0.25	0.80	70	886	50	12 563	-850.7	1 638.9	1979	92 11 - ABAND 91 07
2 100	2.75	0.147	0.43	0.84	56	873	50	15 556	-1 018.2	1 678.1	1986	88 07 - GPP
64	7.33	0.093	0.26	0.84	60	836	47	15 414	-1 017.7	1 695.1	1987	92 10
64	1.84	0.194	0.13	0.80	76	850	50	15 638	-1 062.6	1 818.5	1985	85 09 - GPP
64	2.80	0.160	0.30	0.83	70	850	41	9 135	-471.9	1 265.6	1980	81 02
16	9.20	0.190	0.27	0.80	47	856	42	9 473	-504.3	1 298.0	1980	92 11
781	2.63	0.170	0.46	0.87	54	891	37	8 349	-439.9	1 077.1	1984	92 11 - GPP
128	2.69	0.180	0.49	0.87	55	891	37	8 415	-447.0	1 083.6	1985	91 12 - GPP
64	5.00	0.180	0.31	0.87	54	911	34	8 299	-433.0	1 066.5	1986	89 12 - GPP
371	2.80	0.180	0.37	0.87	57	892	33	8 962	-420.7	1 074.9	1990	96 06 - GPP
102	2.30	0.180	0.38	0.87	57	892	33	8 708	-421.5	1 072.1	1991	92 06 - GPP
96	3.37	0.210	0.33	0.88	55	893	35	9 074	-434.7	1 078.5	1992	96 06 - GPP
64	2.80	0.190	0.48	0.86	55	900	37	8 191	-456.7	1 095.9	1994	95 03 - GPP
64	4.36	0.170	0.60	0.87	50	910	34	8 818	-453.7	1 089.4	1994	95 10 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
MANYBERRIES 005-05W4								
GLAUCONITIC A	9.7	<0.03		0.2		0.2	0.2	
SUNBURST A	500.0	0.20		100.0		100.0	91.3	8.7
SUNBURST B TOTAL	2 235.0			402.0	104.0	506.0	422.1	83.9
PRIMARY AREA	1 194.0	<0.21		246.0		246.0		
WATER FLOOD AREA	1 041.0	0.15	0.10	156.0	104.0	260.0		
SUNBURST C TOTAL	882.0			225.0	51.4	276.0	200.6	75.4
PRIMARY AREA	238.0	0.35		83.3		83.3		
WATER FLOOD AREA	644.0	0.22	0.08	142.0	51.4	193.0		
SUNBURST J	281.0	<0.09		23.2		23.2	23.2	
SUNBURST L	147.0	<0.02		2.4		2.4	2.4	
SUNBURST O	1 840.0	0.14	0.05	258.0	92.0	350.0	237.4	112.6
WATER FLOOD								
SUNBURST Q TOTAL	3 761.0			762.0	462.0	1 224.0	1 144.1	79.9
PRIMARY AREA	463.0	0.22		102.0		102.0		
WATER FLOOD AREA	3 298.0	0.20	0.14	660.0	462.0	1 122.0		
SUNBURST U TOTAL	141.0			33.5	18.4	51.9	47.5	4.4
PRIMARY AREA	18.0	0.15		2.7		2.7		
GAS FLOOD AREA	123.0	0.25	0.15	30.8	18.4	49.2		
SUNBURST AA	288.0	0.04		11.5		11.5	8.2	3.3
SUNBURST CC	90.5	<0.01		0.6		0.6	0.6	
SUNBURST FF	65.2	<0.03		1.4		1.4	1.4	
SUNBURST HH	450.0	0.05		22.5		22.5	9.2	13.3
SUNBURST II	288.0	0.20		57.6		57.6	44.7	12.9
SUNBURST JJ TOTAL	2 201.0			370.0	264.0	634.0	597.4	36.6
PRIMARY AREA	879.0	0.15		132.0		132.0		
WATER FLOOD AREA	1 322.0	0.18	0.20	238.0	264.0	502.0		
SUNBURST KK	1 906.0	0.12		229.0		229.0	194.5	34.5
SUNBURST LL TOTAL	660.0			106.0	23.3	129.0	94.0	35.0
PRIMARY AREA	77.1	0.16		12.3		12.3		
WATER FLOOD AREA	583.0	0.16	0.04	93.3	23.3	117.0		
SUNBURST OO	1 700.0	0.18		306.0		306.0	251.4	54.6
SUNBURST SS	256.0	<0.04		8.1		8.1	8.1	
SUNBURST VV TOTAL	906.0			170.0	39.7	210.0	146.8	63.2
PRIMARY AREA	112.0	0.10		11.2		11.2		
WATER FLOOD AREA	794.0	0.20	0.05	159.0	39.7	199.0		
SUNBURST WW	150.0	0.10		15.0		15.0	5.2	9.8
SUNBURST YY	57.0	<0.01		0.1		0.1	0.1	
SUNBURST ZZ	107.0	<0.02		2.0		2.0	2.0	
SUNBURST AAA	66.9	0.03		2.0		2.0	2.0	
SUNBURST CCC	31.1	0.30		9.3		9.3	6.9	2.4
SUNBURST DDD	57.0	<0.01		0.1		0.1	0.1	
SUNBURST GGG	15.4	<0.03		0.4		0.4	0.4	
SUNBURST HHH	26.5	<0.03		0.6		0.6	0.6	
SUNBURST KKK	396.0	0.10		39.6		39.6	5.9	33.7
SUNBURST MMM	379.0	0.10		37.9		37.9	10.6	27.3
SWIFT B	680.0	0.15		102.0		102.0	75.9	26.1
JURASSIC A	36.1	0.15		5.4		5.4	0.9	4.5
FIELD TOTAL	20 609.4			3 303.4	1 054.8	4 357.8	3 635.7	722.1
MARKERVILLE 036-02W5								
VIKING A	100.0	0.20		20.0		20.0	19.2	0.8
VIKING B	105.0	<0.01		0.3		0.3	0.3	
JURASSIC A	211.0	0.05		10.6		10.6	3.2	7.4
PEKISKO B	320.0	<0.01		0.4		0.4	0.4	
FIELD TOTAL	736.0			31.3		31.3	23.1	8.2
MARLBORO 055-19W5								
CARDIUM A	63.6	0.10		6.4		6.4	3.0	3.4
GETHING A	273.0	<0.01		1.2		1.2	1.2	
GETHING B	165.0	<0.01		0.3		0.3	0.3	
FIELD TOTAL	501.6			7.9		7.9	4.5	3.4
MARLOWE 122-22W5								
KEG RIVER A	349.0	0.11		38.4		38.4	31.4	7.0
KEG RIVER B	255.0	0.25		63.8		63.8	45.0	18.8
FIELD TOTAL	604.0			102.2		102.2	76.4	25.8

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
16	1.00	0.090	0.27	0.92	32	824	33	9 070	-91.6	1 157.5	1987	96 06
192	1.93	0.210	0.30	0.92	66	834	36	8 898	-97.1	1 142.4	1962	97 12 - GPP
720					48	829	30	9 114	-104.8	1 178.2	1955	95 08 - GPP
416	2.53	0.200	0.37	0.90								
304	3.02	0.200	0.37	0.90								
484					66	839	34	9 566	-88.1	1 129.3	1967	97 12
125	1.25	0.250	0.30	0.87								
359	1.30	0.260	0.39	0.87								- GPP
183	1.12	0.230	0.30	0.85	51	883	37	8 703	-93.9	1 151.7	1963	96 06 - GPP
65	1.52	0.270	0.35	0.85	53	855	37	9 011	-96.5	1 270.6	1972	75 12 - ABAND 75 12
310	6.63	0.210	0.51	0.87	71	839	35	8 983	-98.5	1 117.0	1971	96 09 - GPP
778					57	838	32	8 625	-92.4	1 100.1	1978	93 12
160	3.08	0.180	0.40	0.87								
618	5.68	0.180	0.40	0.87								- GPP
48					66	830	36	9 141	-72.6	1 028.2	1980	96 08 - GPP
16	1.84	0.160	0.55	0.85								
32	3.39	0.230	0.42	0.85								
64	6.50	0.140	0.45	0.90	32	824	40	9 716	-101.6	1 216.2	1984	96 08 - GPP
32	2.10	0.220	0.28	0.85	32	824	33	8 781	-98.9	1 145.0	1971	92 10
16	4.69	0.140	0.27	0.85	60	838	33	8 453	-84.2	1 090.9	1984	96 06 - ABAND 97 05
128	3.62	0.180	0.38	0.87	50	837	34	9 133	-82.7	1 076.8	1984	86 11 - GPP
96	2.40	0.210	0.38	0.96	14	837	35	9 170	-81.6	1 064.4	1984	96 12 - GPP
530					28	834	40	9 231	-96.8	1 118.2	1970	96 09
258	2.85	0.200	0.35	0.92								
272	4.06	0.200	0.35	0.92								- GPP
793	2.58	0.170	0.37	0.87	57	839	32	9 206	-90.4	1 075.7	1970	89 04 - GPP
257					66	839	34	9 115	-91.0	1 167.6	1984	97 06 - GPP
64	1.00	0.210	0.37	0.91								
193	1.85	0.260	0.31	0.91								
388	4.66	0.180	0.40	0.87	57	838	32	9 266	-83.0	1 057.0	1977	95 12 - GPP
130	1.72	0.210	0.40	0.91	28	825	40	8 973	-97.2	1 174.7	1955	96 06 - ABAND 96 10
239					32	824	33	8 083	-97.4	1 158.3	1988	96 12
16	6.50	0.170	0.31	0.92								
223	3.30	0.170	0.31	0.92								- GPP
64	3.00	0.130	0.34	0.91	28	825	40	8 047	-93.1	1 111.5	1988	89 01 - GPP
16	4.30	0.180	0.50	0.92	32	824	33	8 101	-100.6	1 166.2	1988	96 06 - ABAND 96 07
16	4.80	0.240	0.33	0.87	57	838	32	7 390	-75.7	1 046.4	1988	96 06 - GPP
64	1.40	0.130	0.34	0.87	66	841	35	9 117	-81.5	1 043.3	1988	95 05 - ABAND 94 09
32	1.01	0.170	0.35	0.87	57	838	32	9 072	-104.5	1 283.4	1991	97 12 - GPP
32	1.50	0.220	0.38	0.87	57	838	32	9 038	-92.2	1 190.1	1990	95 12 - ABAND 95 09
32	0.80	0.150	0.54	0.87	71	839	35	9 248	-99.0	1 128.4	1983	94 11 - ABAND 93 10
16	1.50	0.240	0.50	0.92	32	824	33	9 062	-100.4	1 137.8	1981	96 06 - ABAND 96 12
64	3.70	0.260	0.26	0.87	57	838	32	9 021	-88.2	1 111.5	1994	94 09
96	4.07	0.180	0.38	0.87	57	838	32	4 306	-104.4	1 198.4	1996	97 03 - GPP
128	4.10	0.210	0.29	0.87	57	838	32	8 583	-91.2	1 057.5	1986	96 12
16	2.00	0.240	0.50	0.94	25	933	29	11 526	-179.8	1 222.3	1992	92 09 - GPP
167	1.84	0.070	0.38	0.75	102	833	66	12 830	-976.6	1 904.5	1976	85 04 - GPP
64	3.10	0.120	0.41	0.75	95	852	63	9 710	-971.1	1 905.3	1977	83 12 - ABAND 82 10
32	5.70	0.190	0.21	0.77	104	888	69	15 752	-1 223.6	2 163.2	1990	91 05 - GPP
64	19.80	0.050	0.36	0.79	79	879	74	14 799	-1 274.6	2 217.3	1980	81 08 - ABAND 83 04
64	2.50	0.120	0.52	0.69	148	822	64	17 913	-894.0	2 098.2	1996	96 09
65	7.32	0.120	0.20	0.60	239	825	97	35 785	-1 655.0	2 802.0	1969	74 05 - ABAND 70 09
65	4.27	0.120	0.17	0.60	239	820	68	34 774	-1 618.0	2 765.5	1969	73 02 - ABAND 75 11
32	80.50	0.019	0.19	0.88	43	825	52	10 754	-791.1	1 342.8	1986	96 08 - GPP
64	39.00	0.020	0.42	0.88	35	858	51	10 368	-749.0	1 317.5	1968	95 12 - GPP

TABLE 2-6

	1	2	3	4	5	6	7	8
FIELD POOL	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
MATZIWIN 023-14W4								
GLAUCONITIC A	1 798.0	0.03		53.9		53.9	48.5	5.4
GLAUCONITIC B	187.0	0.10		18.7		18.7	6.5	12.2
GLAUCONITIC C	152.0	0.10		15.2		15.2	5.6	9.6
GLAUCONITIC D	80.3	0.10		8.0		8.0	1.0	7.0
GLAUCONITIC H	183.0	0.10		18.3		18.3	5.7	12.6
GLAUCONITIC I	74.6	0.10		7.5		7.5	3.5	4.0
GLAUCONITIC J	310.0	0.05		15.5		15.5	2.6	12.9
LOWER MANNVILLE D	112.0	<0.04		4.2		4.2	4.2	
LOWER MANNVILLE E	498.0	0.04		19.9		19.9	15.7	4.2
LOWER MANNVILLE F	200.0	0.10		20.0		20.0	7.3	12.7
PEKISKO D	406.0	0.18		73.1		73.1	57.6	15.5
FIELD TOTAL *	4 000.9			254.3		254.3	158.2	96.1
MCKINLEY 064-22W5								
GETHING C	97.8	0.07		6.8		6.8	1.3	5.5
FIELD TOTAL	97.8			6.8		6.8	1.3	5.5
MCLEANS CREEK 074-21W5								
GILWOOD A	767.0	0.10		76.7		76.7	48.5	28.2
GILWOOD C	263.0	<0.01		1.2		1.2	1.2	
GILWOOD D	86.3	0.20		17.3		17.3	8.2	9.1
GILWOOD F	428.0	0.15		64.2		64.2	48.6	15.6
GILWOOD G	56.0	0.15		8.4		8.4	6.9	1.5
GILWOOD I	101.0	0.10		10.1		10.1	9.5	0.6
GRANITE WASH A	91.1	<0.06		5.3		5.3	5.3	
FIELD TOTAL	1 792.4			183.2		183.2	128.2	55.0
MCLEOD 056-14W5								
CARDIUM A	325.0	0.20		65.0		65.0	43.7	21.3
CARDIUM B	267.0	<0.03		6.1		6.1	6.1	
GETHING E	119.0	<0.01		0.7		0.7	0.7	
GETHING F	293.0	0.04		11.7		11.7	5.8	5.9
GETHING G	91.4	0.05		4.6		4.6	2.0	2.6
GETHING J	83.9	0.15		12.6		12.6	10.8	1.8
GETHING K	112.0	0.10		11.2		11.2	2.1	9.1
GETHING L	200.0	0.15		30.0		30.0	15.8	14.2
GETHING AA	83.9	0.05		4.2		4.2		4.2
GETHING BB	187.0	0.15		28.1		28.1	3.6	24.5
ROCK CREEK C	40.1	0.20		8.0		8.0	3.1	4.9
ROCK CREEK F	235.0	0.15		35.3		35.3	3.5	31.8
FIELD TOTAL	2 037.3			217.5		217.5	97.2	120.3
MEDICINE RIVER 039-03W5								
CARDIUM A	81.4	0.02		1.6		1.6	0.6	1.0
CARDIUM B	154.0	0.08		12.3		12.3	4.3	8.0
VIKING A	63.4	<0.06		3.5		3.5	3.5	
VIKING D TOTAL	4 008.0			606.0	374.0	980.0	819.4	160.6
PRIMARY AREA	907.0	0.15		136.0		136.0		
WATER FLOOD AREA	3 101.0	<0.16	0.12	470.0	374.0	844.0		
VIKING N	62.7	<0.03		1.6		1.6	1.6	
VIKING P	56.7	0.10		5.7		5.7	3.5	2.2
GLAUCONITIC A TOTAL	15 550.0			1 395.0	1 172.0	2 567.0	2 378.0	189.0
PRIMARY AREA	5 782.0	<0.06		320.0		320.0		
WATER FLOOD AREA	9 770.0	0.11	0.12	1 075.0	1 172.0	2 247.0		
GLAUCONITIC H	228.0	<0.01		0.5		0.5	0.5	
GLAUCONITIC J	106.0	<0.06		5.5		5.5	5.5	
GLAUC D & OSTRACOD A TOTAL	2 182.0			333.0	373.0	706.0	640.0	66.0
PRIMARY AREA	485.0	0.16		77.6		77.6		
WATER FLOOD AREA	1 697.0	0.15	0.22	255.0	373.0	628.0		
GLAUCONITIC I & ELKTON-SHUNDA A	458.0	0.04		18.3		18.3	15.5	2.8
OSTRACOD B	461.0	0.20		92.2		92.2	85.9	6.3
OSTRACOD C	585.0	0.28		164.0		164.0	159.6	4.4
OSTRACOD R	64.0	<0.03		1.4		1.4	1.4	
OSTRACOD S	111.0	0.12		13.3		13.3	13.2	0.1

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
445	4.55	0.190	0.45	0.85	68	883	32	9 802	-284.3	1 000.2	1983	86 12 - GPP
64	4.30	0.160	0.50	0.85	64	880	32	9 713	-283.6	1 004.5	1985	85 11 - GPP
64	3.00	0.150	0.38	0.85	60	860	30	9 750	-281.3	999.5	1994	94 10 - GPP
64	1.00	0.220	0.40	0.95	62	886	31	9 835	-290.7	1 032.0	1993	95 03
32	5.90	0.200	0.45	0.88	60	865	30	9 764	-277.5	996.6	1993	95 04 - GPP
16	3.60	0.220	0.36	0.92	84	840	32	9 680	-288.4	1 013.9	1995	96 02 - GPP
64	5.00	0.190	0.40	0.85	60	878	33	8 592	-285.1	1 006.9	1995	96 03 - GPP
64	1.70	0.190	0.36	0.85	62	887	32	9 409	-299.0	1 013.2	1983	92 10
128	4.46	0.180	0.43	0.85	60	850	35	9 812	-296.0	1 012.4	1986	96 08 - GPP
32	6.10	0.180	0.38	0.92	33	919	34	9 555	-302.5	1 019.6	1987	88 11 - GPP
309	4.69	0.050	0.37	0.89	47	894	34	10 432	-306.8	1 021.5	1983	97 12
32	3.30	0.150	0.13	0.71	119	861	67	15 952	-1 115.4	1 938.9	1994	96 08
318	2.87	0.160	0.41	0.89	32	838	58	27 092	-1 936.9	2 529.7	1985	91 12 - GPP
64	5.71	0.147	0.41	0.83	50	837	85	26 728	-1 946.0	2 528.0	1987	92 10 - ABAND 95 05
64	2.54	0.122	0.50	0.87	36	854	86	25 862	-1 948.1	2 587.8	1986	87 12 - GPP
295	1.90	0.130	0.34	0.89	36	834	86	27 735	-1 976.9	2 576.8	1987	94 03 - GPP
32	3.08	0.110	0.42	0.89	36	835	86	26 057	-2 007.4	2 626.0	1988	91 12 - GPP
64	2.55	0.110	0.37	0.89	36	834	86	27 369	-1 994.9	2 597.5	1987	94 03 - GPP
32	3.50	0.140	0.30	0.83	50	837	85	27 901	-1 970.9	2 558.2	1987	92 10 - ABAND 95 05
110	5.02	0.100	0.30	0.84	62	834	53	9 146	-660.3	1 507.1	1972	97 12 - GPP
65	6.10	0.090	0.12	0.85	61	875	52	9 211	-565.9	1 353.8	1963	75 12 - ABAND 75 03
64	2.90	0.120	0.37	0.85	52	883	72	13 755	-1 137.1	2 023.2	1985	92 03 - ABAND 91 12
64	4.40	0.165	0.16	0.75	102	856	74	17 467	-1 228.4	2 123.9	1986	96 08 - GPP
32	2.80	0.160	0.15	0.75	120	856	67	15 992	-1 243.9	2 164.7	1986	96 08 - GPP
64	3.90	0.120	0.60	0.70	150	825	70	17 021	-1 211.6	2 058.1	1983	93 12 - GPP
64	3.20	0.123	0.39	0.73	102	856	76	16 612	-1 264.4	2 124.0	1986	86 12 - GPP
79	5.02	0.120	0.40	0.70	156	825	82	21 987	-1 256.7	2 221.9	1988	91 12 - GPP
32	4.50	0.130	0.36	0.70	156	825	82			2 138.4	1996	97 05
64	4.30	0.120	0.19	0.70	156	825	82		-1 014.1	2 038.0	1996	97 05 - GPP
64	1.00	0.110	0.24	0.75	92	850	78	18 271	-1 103.6	2 205.5	1990	90 07 - GPP
64	5.10	0.150	0.40	0.80	93	841	60	18 107	-1 200.2	2 043.1	1996	97 10
64	1.52	0.124	0.10	0.75	106	898	49	19 163	-712.2	1 659.2	1963	84 12 - GPP
65	2.44	0.160	0.09	0.67	167	898	62	16 866	-847.0	1 848.0	1965	85 07 - GPP
130	1.07	0.100	0.32	0.67	160	844	91	19 769	-976.1	1 931.8	1963	71 05
3 960					130	813	52	14 634	-894.1	1 851.9	1961	94 05 - GPP
850	1.68	0.116	0.27	0.75								
3 110	1.57	0.116	0.27	0.75								
64	2.00	0.100	0.30	0.70	130	813	52	14 869	-908.6	1 888.3	1979	88 12 - ABAND 91 08
64	1.50	0.100	0.18	0.72	130	793	64	16 076	-980.5	1 915.6	1988	89 11 - GPP
5 289					244	839	64	25 891	-1 279.5	2 251.3	1963	94 12 - GPP
1 657	4.93	0.140	0.21	0.64								
3 632	4.18	0.130	0.25	0.66								
64	7.00	0.100	0.25	0.68	159	840	73	14 968	-1 074.6	2 054.3	1979	86 12 - ABAND 84 06
64	2.42	0.130	0.25	0.70	89	870	66	15 937	-969.4	1 940.5	1976	96 01 - ABAND 95 10
1 435					101	887	67	19 312	-1 142.2	2 079.4	1961	95 12
291	1.89	0.160	0.20	0.69								
1 144	1.92	0.140	0.20	0.69								- GPP
64	9.31	0.125	0.18	0.75	243	839	72	26 093	-1 258.9	2 217.8	1961	94 03 - GPP
360	1.83	0.130	0.22	0.69	148	849	68	19 514	-1 212.8	2 173.8	1963	85 04 - GPP
117	5.30	0.171	0.20	0.69	153	839	72	17 621	-1 313.2	2 299.0	1964	93 11 - GPP
65	1.52	0.120	0.25	0.72	133	870	68	17 525	-1 299.5	2 283.1	1974	76 12 - ABAND 75 06
98	1.83	0.110	0.25	0.75	110	849	57	19 466	-1 241.7	2 166.8	1974	88 12 - GPP

TABLE 2-6

FIELD POOL	1	2	3	4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
MEDICINE RIVER 039-03W5 (CONTINUED)								
OSTRACOD Y	53.7	<0.02		0.8		0.8	0.8	
OSTRACOD AA	11.3	<0.01		0.1		0.1	0.1	
OSTRACOD CC	70.7	0.15		10.6		10.6	2.1	8.5
OSTRACOD DD	134.0	0.15		20.1		20.1	6.2	13.9
BASAL QUARTZ B TOTAL	5 328.0			373.0	145.0	518.0	426.2	91.8
PRIMARY AREA	2 428.0	0.07		170.0		170.0		
WATER FLOOD AREA	2 900.0	0.07	0.05	203.0	145.0	348.0		
BASAL QUARTZ C	64.8	<0.01		0.5		0.5	0.5	
BASAL QUARTZ D	393.0	<0.05		18.7		18.7	18.7	
BASAL QUARTZ F	138.0	<0.01		0.6		0.6	0.6	
BASAL QUARTZ H	159.0	0.12		19.1		19.1	18.7	0.4
BASAL QUARTZ I	262.0	0.15		39.3		39.3	34.2	5.1
BASAL QUARTZ J	556.0	0.10		55.6		55.6	43.9	11.7
BASAL QUARTZ K	313.0	0.11		34.4		34.4	31.6	2.8
BASAL QUARTZ Y	199.0	<0.01		0.2		0.2	0.2	
BASAL QUARTZ BB	134.0	0.20		26.8		26.8	15.6	11.2
BASAL QUARTZ JJ	145.0	<0.01		0.1		0.1	0.1	
BASAL QUARTZ KK	255.0	0.15		38.3		38.3	35.4	2.9
BASAL QUARTZ LL	469.0	0.08		37.5		37.5	34.0	3.5
JURASSIC A TOTAL	5 574.0			866.0	1 391.0	2 257.0	2 082.5	174.5
PRIMARY AREA	423.0	0.10		42.3		42.3		
WATER FLOOD AREA	5 151.0	0.16	0.27	824.0	1 391.0	2 215.0		
JURASSIC B	1 160.0	0.13		151.0		151.0	144.1	6.9
JURASSIC C TOTAL	9 256.0			1 437.0	1 243.0	2 680.0	2 435.5	244.5
PRIMARY AREA	970.0	0.20		194.0		194.0		
WATER FLOOD AREA	8 286.0	0.15	0.15	1 243.0	1 243.0	2 486.0		
JURASSIC D TOTAL	9 206.0			1 616.0	1 667.0	3 283.0	2 450.8	832.2
PRIMARY AREA	1 270.0	0.21		267.0		267.0		
WATER FLOOD AREA	7 936.0	0.17	0.21	1 349.0	1 667.0	3 016.0		
JURASSIC E	420.0	0.12		50.4		50.4	46.4	4.0
JURASSIC L	128.0	0.05		6.4		6.4	5.4	1.0
JURASSIC O	1 006.0	0.12		121.0		121.0	80.8	40.2
JURASSIC Q	405.0	0.15		60.8		60.8	26.0	34.8
JURASSIC S	45.3	<0.03		1.0		1.0	1.0	
JURASSIC U	85.3	<0.01		0.8		0.8	0.8	
JURASSIC V	154.0	0.10		15.4		15.4	3.0	12.4
JURASSIC W	201.0	0.05		10.1		10.1	4.8	5.3
JURASSIC Y	290.0	0.10		29.0		29.0	3.6	25.4
JURASSIC BB	403.0	0.10		40.3		40.3	13.2	27.1
JURASSIC CC	273.0	0.15		41.0		41.0	8.1	32.9
JURASSIC DD	113.0	0.10		11.3		11.3	2.7	8.6
JURASSIC EE	134.0	0.05		6.7		6.7	0.3	6.4
JURASSIC FF	199.0	<0.13		25.2		25.2	25.2	
JURASSIC GG	153.0	0.15		23.0		23.0	4.9	18.1
JURASSIC HH	116.0	<0.01		0.5		0.5	0.5	
JURASSIC R & X	1 008.0	0.15		151.0		151.0	136.6	14.4
ELKTON-SHUNDA E	961.0	0.15		144.0		144.0	120.6	23.4
ELKTON-SHUNDA F	48.4	0.15		7.3		7.3	1.5	5.8
SHUNDA A	221.0	<0.01		1.8		1.8	1.8	
PEKISKO B TOTAL	1 089.0			163.0	43.5	207.0	149.6	57.4
PRIMARY AREA	220.0	0.15		33.0		33.0		
WATER FLOOD AREA	869.0	0.15	0.05	130.0	43.5	174.0		
PEKISKO C TOTAL	1 511.0			71.7	90.3	162.0	133.4	28.6
PRIMARY AREA	221.0	<0.04		7.2		7.2		
WATER FLOOD AREA	1 290.0	0.05	0.07	64.5	90.3	155.0		
PEKISKO D	91.2	0.07		6.4		6.4	6.4	
PEKISKO E TOTAL	4 116.0			617.0	284.0	901.0	740.2	160.8
PRIMARY AREA	1 281.0	0.15		192.0		192.0		
WATER FLOOD AREA	2 835.0	0.15	0.10	425.0	284.0	709.0		
PEKISKO G	184.0	<0.01		0.2		0.2	0.2	
PEKISKO H	238.0	<0.02		2.7		2.7	2.7	
PEKISKO I	5 720.0	0.30		1 716.0		1 716.0	1 398.6	317.4
PEKISKO K	180.0	0.12		21.6		21.6	20.3	1.3
PEKISKO N	6 750.0	0.15		1 013.0		1 013.0	461.3	551.7
PEKISKO R	1 199.0	0.20		240.0		240.0	193.5	46.5
PEKISKO S	325.0	0.15		48.8		48.8	42.7	6.1
PEKISKO U	710.0	0.05		35.5		35.5	24.3	11.2
PEKISKO V	170.0	0.10		17.0		17.0	10.5	6.5
BANFF A	14.2	<0.01		0.1		0.1	0.1	
NISKU A	287.0	0.35		100.0		100.0	97.0	3.0
D-3 A	600.0	0.40		240.0		240.0	206.6	33.4

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
64	1.70	0.100	0.35	0.76	110	877	57	17 116	-1 079.9	2 046.8	1983	84 05 - ABAND 89 12
16	1.13	0.110	0.27	0.78	85	860	60	19 284	-1 198.9	2 143.5	1988	96 06 - ABAND 93 07
64	1.10	0.160	0.14	0.73	125	850	72			2 239.0	1997	97 09 - GPP
64	2.40	0.150	0.16	0.69	145	837	72		-1 191.9	2 122.1	1995	97 04
1 322					88	892	70	16 422	-1 213.0	2 159.2	1959	89 08
555	5.28	0.138	0.24	0.79								
767	4.58	0.134	0.22	0.79								- GPP
32	2.44	0.140	0.24	0.78	74	892	66	15 906	-1 185.1	2 146.0	1962	65 01 - ABAND 63 08
129	2.99	0.167	0.24	0.80	74	892	68	15 491	-1 171.6	2 099.5	1962	83 12 - ABAND 83 12
64	1.83	0.200	0.25	0.78	76	898	68	16 094	-1 219.0	2 158.9	1963	64 12 - ABAND 66 10
32	6.45	0.130	0.25	0.79	76	898	66	16 358	-1 223.4	2 178.9	1963	94 11 - GPP
64	5.22	0.140	0.30	0.80	78	898	66	17 105	-1 269.0	2 224.9	1962	97 12 - GPP
64	10.47	0.140	0.25	0.79	89	898	66	17 057	-1 262.8	2 219.9	1962	97 12 - GPP
96	4.53	0.130	0.30	0.79	76	892	68	17 368	-1 217.6	2 170.3	1962	93 12 - GPP
65	5.18	0.096	0.22	0.79	87	898	66	16 232	-1 269.3	2 239.2	1974	75 11
64	3.50	0.100	0.20	0.75	112	866	74	20 396	-1 359.8	2 363.0	1980	92 10 - GPP
16	11.50	0.150	0.35	0.81	79	891	70	15 501	-1 155.9	2 141.8	1991	96 06
99	4.00	0.110	0.26	0.79	86	892	66	16 227	-1 215.1	2 148.4	1974	93 05 - GPP
177	3.53	0.130	0.25	0.77	88	892	70	16 178	-1 191.7	2 128.6	1959	94 03 - GPP
1 385					90	887	63	16 036	-1 203.0	2 152.8	1956	94 12
96	4.65	0.160	0.26	0.80								
1 289	4.69	0.142	0.25	0.80								- GPP
303	5.03	0.132	0.27	0.79	88	887	69	14 942	-1 198.6	2 137.6	1961	96 12 - GPP
1 729					84	892	63	16 759	-1 228.3	2 176.9	1961	94 12
311	4.91	0.120	0.33	0.79								
1 418	8.00	0.138	0.33	0.79								- GPP
830					83	887	68	16 224	-1 206.4	2 138.9	1959	97 12
128	11.36	0.140	0.22	0.80								
702	13.50	0.145	0.25	0.77								- GPP
75	4.60	0.220	0.29	0.78	94	887	70	16 838	-1 259.2	2 205.7	1962	92 08 - GPP
64	3.00	0.110	0.17	0.73	130	803	99	15 588	-1 203.0	2 151.5	1980	93 12 - GPP
370	4.18	0.130	0.35	0.77	105	871	69	17 416	-1 319.0	2 296.6	1985	94 12
64	6.90	0.170	0.30	0.77	105	888	69	16 361	-1 178.5	2 110.9	1963	91 04 - GPP
16	5.00	0.120	0.41	0.80	82	892	58	15 763	-1 235.8	2 157.9	1991	96 06 - GPP
32	3.60	0.130	0.26	0.77	105	888	69	17 485	-1 336.3	2 308.9	1965	95 05 - ABAND 94 10
64	4.20	0.120	0.38	0.77	105	888	69	18 002	-1 320.5	2 302.5	1993	93 12
32	9.50	0.110	0.25	0.80	74	834	66	16 186	-1 194.0	2 149.0	1989	93 12 - GPP
64	5.40	0.150	0.30	0.80	78	893	70	12 985	-1 204.9	2 156.0	1992	94 01 - GPP
96	3.42	0.210	0.27	0.80	78	892	69	13 674	-1 192.1	2 143.3	1993	95 07
32	7.10	0.200	0.25	0.80	83	896	70	15 916	-1 206.5	2 161.6	1994	95 05 - GPP
32	5.10	0.160	0.44	0.77	105	888	69	19 834	-1 208.3	2 133.2	1995	97 05 - GPP
32	7.20	0.110	0.34	0.80	83	890	68	10 932	-1 227.8	2 147.1	1995	96 12
64	2.10	0.220	0.15	0.79	88	887	69	13 275	-1 199.2	2 131.6	1963	96 12 - ABAND 90 12
32	3.80	0.210	0.25	0.80	83	890	68	15 245	-1 212.1	2 146.4	1996	97 05
16	10.97	0.120	0.20	0.69	155	855	59	16 149	-1 202.9	2 202.6	1972	92 11 - ABAND 73 09
146	7.90	0.140	0.22	0.80	74	834	66	15 760	-1 202.3	2 154.7	1962	95 04 - GPP
361	3.99	0.110	0.26	0.82	77	876	49	18 284	-1 336.1	2 316.1	1974	91 12
32	1.50	0.150	0.20	0.84	74	913	71	22 262	-1 249.3	2 208.0	1995	95 12 - GPP
65	5.18	0.110	0.20	0.75	121	910	77	18 737	-1 348.2	2 290.0	1972	74 12 - ABAND 81 09
228					62	898	70	16 335	-1 222.3	2 165.2	1959	93 11 - GPP
32	12.10	0.090	0.20	0.79								
196	5.61	0.119	0.16	0.79								
266					62	898	69	16 141	-1 216.8	2 155.4	1961	92 12 - GPP
32	15.79	0.072	0.22	0.78								
234	12.58	0.072	0.22	0.78								
32	4.88	0.087	0.15	0.79	62	898	68	16 047	-1 215.9	2 152.2	1961	89 12 - GPP
555					75	887	71	16 326	-1 246.1	2 197.1	1963	96 06 - GPP
152	10.13	0.130	0.20	0.80								
403	8.15	0.130	0.17	0.80								
64	7.62	0.060	0.29	0.88	44	972	70	14 143	-1 218.0	2 155.5	1963	64 12 - ABAND 71 10
65	13.78	0.050	0.34	0.81	62	904	71	16 101	-1 203.3	2 145.7	1964	68 03 - ABAND 70 09
907	11.23	0.090	0.22	0.80	88	898	71	16 051	-1 258.0	2 202.5	1954	97 10 - GPP
65	7.89	0.053	0.18	0.81	62	898	71	15 996	-1 250.9	2 188.5	1965	87 12 - GPP
1 014	8.90	0.110	0.15	0.80	94	844	82	16 131	-1 198.5	2 140.8	1962	97 07
205	7.72	0.110	0.15	0.81	74	892	73	16 516	-1 225.5	2 149.6	1973	92 06 - GPP
60	6.80	0.120	0.18	0.81	76	896	69	16 414	-1 249.0	2 198.3	1984	95 04 - GPP
64	21.43	0.090	0.29	0.81	74	892	73	14 478	-1 176.3	2 168.7	1984	88 07 - GPP
32	5.50	0.170	0.30	0.81	74	900	73	14 740	-1 257.0	2 205.1	1987	88 04 - GPP
64	1.10	0.030	0.20	0.84	62	839	67	24 847	-1 404.5	2 338.9	1985	86 04
37	24.85	0.056	0.13	0.64	160	812	31	24 220	-1 924.5	2 929.0	1985	92 08 - GPP
200	6.96	0.076	0.10	0.63	128	817	88	19 987	-2 107.0	3 106.7	1985	91 01

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 INITIAL ESTABLISHED RESERVES ENHANCED 10^3m^3	6 INITIAL ESTABLISHED RESERVES TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
MEDICINE RIVER 039-03W5 (CONTINUED)								
D-3 B	502.0	0.10		50.2		50.2	32.0	18.2
D-3 C	152.0	0.30		45.6		45.6	22.6	23.0
D-3 D	723.0	0.18		130.0		130.0	98.5	31.5
D-3 E	112.0	<0.09		9.4		9.4		9.4
COOKING LAKE A	66.5	<0.01		0.2		0.2	0.2	
FIELD TOTAL *	89 156.6			12 675.0	6 782.8	19 458.3	16 042.2	3 416.1
MEEKWAP 066-15W5								
D-2 A TOTAL	12 090.0			2 446.0	3 990.0	6 436.0	6 005.1	430.9
PRIMARY AREA	504.0	0.25		126.0		126.0		
WATER FLOOD AREA	11 590.0	<0.21	0.34	2 320.0	3 990.0	6 310.0		
D-2 E	529.0	0.13		68.8		68.8	63.8	5.0
D-2 F	432.0	<0.07		26.3		26.3	26.3	
FIELD TOTAL	13 051.0			2 541.1	3 990.0	6 531.1	6 095.2	435.9
MELLOWDALE 060-03W5								
LOWER MANNVILLE B	1 473.0	0.07		103.0		103.0	70.8	32.2
FIELD TOTAL	1 473.0			103.0		103.0	70.8	32.2
MICHICHI 031-17W4								
UPPER MANNVILLE A	126.0	<0.01		0.6		0.6	0.6	
UPPER MANNVILLE N	92.6	0.10		9.3		9.3	1.3	8.0
LOWER MANNVILLE A	499.0	0.10		49.9		49.9	32.4	17.5
LOWER MANNVILLE B	270.0	<0.02		3.5		3.5	3.5	
LOWER MANNVILLE I	420.0	0.05		21.0		21.0	15.4	5.6
LOWER MANNVILLE K	54.1	<0.01		0.4		0.4	0.4	
LOWER MANNVILLE M	126.0	<0.01		0.1		0.1	0.1	
OSTRACOD B	220.0	<0.01		0.2		0.2	0.2	
DETRITAL B	41.0	<0.01		0.1		0.1	0.1	
DETRITAL C	320.0	<0.01		0.4		0.4	0.4	
BANFF A	1 163.0	0.11		128.0		128.0	116.9	11.1
BANFF C	559.0	0.05		28.0		28.0	21.4	6.6
BANFF D	2 595.0	0.03		77.9		77.9	49.6	28.3
BANFF E	161.0	<0.02		2.7		2.7	2.7	
BANFF F	397.0	0.05		19.9		19.9	8.3	11.6
BANFF I	87.6	<0.07		5.4		5.4	5.4	
BANFF L	269.0	0.07		18.8		18.8	17.6	1.2
BANFF N	153.0	<0.01		0.1		0.1	0.1	
BANFF O	129.0	<0.01		0.3		0.3	0.3	
BANFF P	30.0	<0.01		0.1		0.1	0.1	
BANFF Q	146.0	<0.01		0.2		0.2	0.2	
BANFF R	255.0	<0.01		0.2		0.2	0.2	
BANFF T	247.0	<0.02		2.7		2.7	2.7	
BANFF W	17.8	0.15		2.7		2.7	0.4	2.3
BANFF X	136.0	<0.01		0.1		0.1	0.1	
BANFF Y	32.7	0.15		4.9		4.9	0.8	4.1
FIELD TOTAL	8 546.8			377.5		377.5	281.2	96.3
MIKWAN 037-23W4								
VIKING C	65.9	<0.03		1.6		1.6	1.6	
VIKING D	17.3	<0.05		0.8		0.8	0.8	
VIKING H	72.6	0.15		10.9		10.9	7.1	3.8
UPPER MANNVILLE F	167.0	0.07		11.7		11.7	9.0	2.7
UPPER MANNVILLE G	193.0	0.10		19.3		19.3	9.1	10.2
UPPER MANNVILLE H	341.0	0.10		34.1		34.1	24.5	9.6
UPPER MANNVILLE S	484.0	0.10		48.4		48.4	38.5	9.9
LOWER MANNVILLE H	63.5	0.10		6.4		6.4	4.8	1.6
LOWER MANNVILLE J	703.0	0.05		35.2		35.2	29.2	6.0
LOWER MANNVILLE W	50.2	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE TT	200.0	0.10		20.0		20.0	1.9	18.1
D-2 A	450.0	0.33		149.0		149.0	137.2	11.8
D-2 B	451.0	0.42		189.0		189.0	179.3	9.7
D-2 C	290.0	0.10		29.0		29.0	19.4	9.6
D-2 D	262.0	0.20		52.4		52.4	34.3	18.1
D-2 E	77.4	<0.03		2.3		2.3	2.3	
D-2 F	149.0	0.15		22.4		22.4	12.8	9.6
D-2 G	30.1	<0.01		0.1		0.1	0.1	

LIGHT-MEDIUM CRUDE OIL POOLS

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
128	10.70	0.058	0.11	0.71	125	826	83	19 960	-2 101.1	3 101.0	1985	91 12 - GPP
64	5.70	0.060	0.10	0.77	115	834	85	17 609	-1 953.5	2 895.6	1986	86 07 - GPP
32	37.50	0.086	0.09	0.77	125	821	88	20 223	-2 127.0	3 117.0	1986	97 12 - GPP
64	3.20	0.080	0.11	0.77	170	800	88	19 390	-2 019.5	3 021.4	1987	96 11 - ABAND 96 08
64	3.70	0.054	0.35	0.80	100	830	79	17 789	-1 871.0	2 850.2	1988	93 12 - ABAND 93 08
2 772					120	844	80	20 833	-1 406.7	2 363.8	1966	96 05
356	4.37	0.060	0.27	0.74								
2 416	8.97	0.085	0.15	0.74								- GPP
414	3.99	0.050	0.21	0.81	82	857	80	21 626	-1 336.6	2 320.6	1972	94 10 - GPP
128	9.31	0.070	0.30	0.74	119	845	80	15 130	-1 449.0	2 370.0	1982	96 06 - GPP
461	3.06	0.200	0.40	0.87	45	892	35	8 346	-433.2	1 113.4	1979	94 12 - GPP
64	2.00	0.180	0.40	0.91	39	866	32	9 655	-384.1	1 296.3	1981	83 12 - ABAND 92 12
64	1.20	0.210	0.30	0.82	72	848	47	9 871	-433.1	1 285.1	1989	93 12
128	3.21	0.240	0.39	0.83	66	859	42	9 619	-444.5	1 358.1	1982	84 02 - GPP
64	5.48	0.160	0.42	0.83	64	854	40	8 098	-416.4	1 317.0	1981	94 11 - GPP
100	3.69	0.190	0.32	0.88	50	883	36	9 132	-422.8	1 313.8	1985	93 12
16	3.30	0.180	0.33	0.85	62	860	36	9 892	-423.5	1 283.2	1986	96 06 - GPP
64	5.00	0.110	0.57	0.83	69	864	50	8 643	-460.2	1 306.1	1987	92 10
64	3.00	0.230	0.40	0.83	64	832	44	10 007	-434.9	1 344.0	1983	88 12
16	2.40	0.180	0.34	0.90	64	878	41	9 517	-429.6	1 333.5	1987	91 10 - ABAND 89 05
64	6.00	0.170	0.41	0.83	64	845	47	8 489	-397.7	1 280.3	1987	88 04 - ABAND 89 04
548	9.00	0.040	0.29	0.83	61	854	40	9 585	-415.3	1 335.3	1985	97 12 - GPP
192	12.44	0.040	0.32	0.86	55	880	45	9 466	-457.3	1 359.3	1982	90 12 - GPP
641	12.00	0.063	0.37	0.85	61	875	42	9 675	-439.4	1 324.8	1985	91 12 - GPP
32	4.00	0.200	0.27	0.86	55	860	40	9 640	-435.6	1 333.4	1986	94 11 - ABAND 93 02
128	11.70	0.060	0.52	0.92	28	880	42	9 532	-415.2	1 306.2	1986	88 04 - GPP
64	5.50	0.050	0.40	0.83	70	862	40	9 199	-423.4	1 324.9	1984	94 11 - ABAND 91 05
64	19.50	0.040	0.35	0.83	64	860	47	9 135	-458.6	1 350.5	1986	93 07 - GPP
64	9.70	0.048	0.38	0.83	64	875	47	9 932	-473.1	1 367.2	1987	87 05 - ABAND 87 03
16	19.00	0.060	0.17	0.85	50	870	35	9 199	-466.9	1 359.7	1987	92 11 - ABAND 89 04
64	2.30	0.030	0.20	0.85	50	870	35	8 995	-448.2	1 367.4	1987	89 12 - ABAND 95 06
64	12.90	0.040	0.48	0.85	61	870	42	9 120	-465.8	1 351.0	1986	88 12
64	15.00	0.040	0.22	0.85	61	849	42	9 083	-421.9	1 327.4	1987	88 01 - ABAND 90 12
64	11.20	0.050	0.17	0.83	64	845	47	9 006	-392.8	1 443.7	1988	93 10 - ABAND 93 02
64	1.60	0.030	0.30	0.83	64	845	47	8 611	-399.3	1 303.9	1987	89 06 - GPP
64	6.50	0.050	0.21	0.83	64	845	47	8 511	-389.5	1 418.7	1987	90 09 - ABAND 89 05
64	3.00	0.050	0.59	0.83	64	844	47	9 141	-459.3	1 353.5	1995	96 11
64	2.00	0.090	0.35	0.88	44	839	53	6 776	-509.3	1 380.0	1980	92 09 - ABAND 92 06
64	0.92	0.070	0.50	0.84	69	839	42	6 803	-512.9	1 448.3	1977	78 10 - ABAND 85 06
64	1.30	0.140	0.30	0.89	60	852	47	8 733	-460.0	1 352.7	1986	89 12 - GPP
16	7.34	0.180	0.11	0.89	40	892	50	8 514	-717.8	1 648.5	1962	95 12 - GPP
64	2.30	0.220	0.30	0.85	59	819	46	9 393	-629.5	1 488.3	1980	81 07 - GPP
128	2.63	0.170	0.33	0.89	40	901	43	9 267	-630.1	1 473.2	1980	83 04 - GPP
64	7.04	0.160	0.27	0.92	35	875	34	8 036	-678.5	1 591.5	1992	93 08 - GPP
64	1.00	0.170	0.27	0.80	110	797	44	8 993	-651.3	1 544.7	1980	84 05 - GPP
128	5.50	0.150	0.26	0.90	35	873	47	8 648	-608.3	1 520.9	1981	96 08 - GPP
64	1.50	0.140	0.55	0.83	62	875	48	9 372	-652.4	1 574.8	1987	88 01 - ABAND 88 05
32	4.40	0.190	0.15	0.88	47	862	51		-610.4	1 502.8	1996	97 07 - GPP
320	3.29	0.090	0.35	0.73	124	844	64	15 469	-959.7	1 822.2	1970	97 12 - GPP
128	6.29	0.097	0.22	0.74	100	833	64	14 102	-945.6	1 790.0	1979	97 12 - GPP
128	6.01	0.067	0.25	0.75	110	830	62	13 695	-934.9	1 754.3	1978	85 12 - GPP
64	7.30	0.090	0.17	0.75	105	822	47	13 391	-956.8	1 733.0	1983	84 12 - GPP
32	6.40	0.080	0.37	0.75	100	838	57	12 947	-963.3	1 815.0	1985	91 05 - ABAND 91 05
128	3.30	0.055	0.22	0.82	70	860	54	13 524	-970.7	1 813.3	1985	97 09 - GPP
64	1.20	0.060	0.13	0.75	80	901	74	15 779	-1 069.3	1 995.2	1984	88 12

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
MIKWAN 037-23W4 (CONTINUED)								
D-2 H	83.3	0.08		6.7		6.7	4.7	2.0
D-2 I	154.0	0.30		46.2		46.2	16.8	29.4
D-2 J	189.0	0.20		37.8		37.8	3.0	34.8
D-3 A	339.0	<0.03		9.0		9.0	9.0	
D-3 B	645.0	0.20		129.0		129.0	110.7	18.3
D-3 C	166.0	<0.01		0.4		0.4	0.4	
D-3 D	107.0	<0.12		12.2		12.2	12.2	
FIELD TOTAL	5 750.3			874.0		874.0	668.8	205.2
MILO 019-23W4								
ELLERSLIE A	82.3	0.07		5.8		5.8	4.1	1.7
ELLERSLIE B	185.0	<0.01		0.7		0.7	0.7	
ELLERSLIE C	280.0	0.15		42.0		42.0	22.3	19.7
ELLERSLIE D	420.0	0.10		42.0		42.0	11.3	30.7
ELLERSLIE E	62.6	0.02		1.3		1.3	0.1	1.2
FIELD TOTAL	1 029.9			91.8		91.8	38.5	53.3
MINEHEAD 048-18W5								
BELLY RIVER A	236.0	<0.01		2.1		2.1	2.1	
CARDIUM A	87.5	0.15		13.1		13.1	8.4	4.7
FIELD TOTAL	323.5			15.2		15.2	10.5	4.7
MINNEHIK-BUCK LAKE 045-05W5								
BELLY RIVER A	215.0	0.10		21.5		21.5	11.8	9.7
BELLY RIVER B	59.4	<0.09		5.2		5.2	5.2	
BELLY RIVER C	335.0	0.10		33.5		33.5	27.1	6.4
BELLY RIVER E	250.0	0.10		25.0		25.0	12.5	12.5
BELLY RIVER F	538.0	0.10		53.8		53.8	37.6	16.2
BELLY RIVER G	176.0	<0.03		3.7		3.7	3.7	
BELLY RIVER J	182.0	<0.02		3.1		3.1	3.1	
BELLY RIVER K	102.0	<0.01		0.1		0.1	0.1	
BELLY RIVER L	31.9	<0.01		0.3		0.3	0.3	
BELLY RIVER M	108.0	0.10		10.8		10.8	3.4	7.4
CARDIUM A	181.0	0.10		18.1		18.1	15.5	2.6
CARDIUM E	160.0	0.10		16.0		16.0	2.2	13.8
CARDIUM J	5 668.0	<0.05		240.0		240.0	224.8	15.2
CARDIUM L	627.0	0.05		31.4		31.4	24.0	7.4
CARDIUM O	55.6	<0.01		0.1		0.1	0.1	
CARDIUM P	63.5	0.05		3.2		3.2	0.8	2.4
CARDIUM Q	212.0	0.03		6.4		6.4	0.7	5.7
CARDIUM R	100.0	0.05		5.0		5.0	2.2	2.8
CARDIUM S	25.2	0.15		3.8		3.8	2.7	1.1
CARDIUM T	28.4	0.20		5.7		5.7	0.7	5.0
VIKING A	265.0	<0.01		0.7		0.7	0.7	
VIKING C	347.0	0.10		34.7		34.7	25.2	9.5
VIKING D	124.0	<0.01		0.7		0.7	0.7	
VIKING E	42.2	0.20		8.4		8.4	8.0	0.4
VIKING F	42.6	<0.09		3.8		3.8	3.8	
VIKING H	292.0	0.15		43.8		43.8	40.7	3.1
VIKING I	64.9	0.25		16.2		16.2	13.1	3.1
VIKING J	60.0	<0.10		5.7		5.7	5.7	
VIKING K	60.0	0.25		15.0		15.0	11.2	3.8
OSTRACOD A	881.0	0.25		220.0		220.0	180.8	39.2
OSTRACOD B	125.0	0.20		25.0		25.0	15.7	9.3
OSTRACOD G	180.0	<0.15		25.3		25.3	25.3	
OSTRACOD H	78.9	0.15		11.8		11.8	9.6	2.2
OSTRACOD I	153.0	<0.12		18.1		18.1	18.1	
OSTRACOD J	11.4	<0.01		0.1		0.1	0.1	
OSTRACOD E & F	136.0	0.10		13.6		13.6	2.4	11.2
JURASSIC B	82.8	0.05		4.1		4.1	1.5	2.6
BANFF A	198.0	<0.01		0.1		0.1	0.1	
D-2 A	273.0	<0.01		1.1		1.1	1.1	
FIELD TOTAL	12 534.8			934.9		934.9	742.3	192.6
MIRAGE 079-07W6								
DOE CREEK A	162.0	<0.01		0.4		0.4	0.4	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
32	7.51	0.060	0.23	0.75	100	838	66	15 880	-1 018.6	1 879.1	1993	96 08
64	6.20	0.060	0.22	0.83	52	840	71	15 419	-953.0	1 821.3	1994	95 04
64	5.00	0.080	0.12	0.84	59	859	62	13 047	-989.5	1 857.5	1996	97 03 - GPP
224	2.99	0.090	0.25	0.75	106	865	63	15 715	-998.0	1 858.0	1970	88 12 - ABAND 82 12
64	13.00	0.120	0.15	0.76	100	852	76	13 857	-977.3	1 818.3	1979	80 01 - GPP
64	3.60	0.120	0.25	0.80	100	877	61	13 899	-1 021.7	1 894.5	1985	86 03 - ABAND 87 05
32	7.30	0.080	0.30	0.82	79	867	62	13 093	-956.1	1 762.4	1984	96 06 - ABAND 93 09
32	3.61	0.130	0.34	0.83	83	839	45	13 589	-657.9	1 686.1	1990	97 12 - GPP
64	5.80	0.120	0.50	0.83	83	839	45	14 608	-636.8	1 692.0	1982	90 12 - ABAND 89 09
64	3.70	0.180	0.20	0.82	79	861	45	13 317	-605.4	1 598.2	1994	97 12 - GPP
64	8.66	0.140	0.34	0.82	79	861	45	13 467	-629.3	1 626.1	1994	96 03 - GPP
32	3.20	0.140	0.48	0.84	74	883	40			1 618.9	1996	97 06
64	7.40	0.100	0.40	0.83	62	828	76	10 577	-917.5	1 966.6	1986	92 10
16	6.70	0.160	0.15	0.60	210	816	74	25 080	-1 483.8	2 562.8	1968	97 05 - GPP
65	3.66	0.160	0.32	0.83	74	825	46	9 615	-287.8	1 191.8	1973	78 10 - GPP
16	5.60	0.150	0.48	0.85	67	845	46	9 075	-299.5	1 205.7	1980	96 06
64	6.44	0.140	0.30	0.83	74	845	46	9 378	-334.6	1 255.0	1981	90 12 - GPP
64	5.00	0.157	0.40	0.83	74	844	50	7 454	-248.6	1 173.8	1981	82 08 - GPP
64	9.00	0.150	0.25	0.83	65	848	52	9 305	-314.0	1 233.8	1982	83 05 - GPP
16	13.00	0.150	0.32	0.83	65	848	52	9 470	-268.2	1 178.2	1983	96 07 - GPP
64	4.00	0.130	0.34	0.83	65	848	52	10 551	-299.4	1 212.8	1982	94 11 - ABAND 90 10
64	3.93	0.140	0.65	0.83	65	848	52	10 206	-288.1	1 289.9	1984	85 10 - ABAND 85 11
16	4.10	0.130	0.55	0.83	66	805	58	9 707	-295.0	1 192.4	1990	96 07 - ABAND 93 11
32	4.80	0.160	0.47	0.83	65	848	52	7 093	-216.4	1 126.4	1983	94 08 - GPP
130	2.13	0.110	0.15	0.70	96	815	49	11 433	-704.7	1 718.2	1960	93 12 - GPP
128	2.22	0.090	0.20	0.78	96	830	49	11 454	-697.2	1 718.8	1978	89 08 - GPP
3 314	2.16	0.115	0.15	0.81	125	830	56	16 764	-653.2	1 571.4	1979	94 12 - GPP
506	1.30	0.140	0.18	0.83	65	805	58	15 826	-651.3	1 660.7	1979	86 12 - GPP
64	1.50	0.130	0.45	0.81	125	830	56	10 879	-616.0	1 617.8	1984	85 10 - ABAND 85 11
64	1.55	0.100	0.20	0.80	125	830	56	10 899	-619.2	1 516.1	1985	93 12 - GPP
128	2.00	0.120	0.15	0.81	125	830	56	10 296	-690.2	1 676.3	1978	89 12 - GPP
64	1.87	0.120	0.15	0.82	71	842	53	10 634	-644.3	1 585.5	1985	94 04 - GPP
64	1.00	0.060	0.20	0.82	71	842	53	16 972	-610.7	1 601.5	1994	95 07 - GPP
64	0.74	0.130	0.40	0.77	101	854	74	17 087	-626.4	1 641.0	1996	97 01 - GPP
65	4.88	0.160	0.30	0.75	105	838	88	14 675	-913.4	1 804.3	1953	66 11 - ABAND 73 07
507	1.52	0.080	0.33	0.84	156	827	72	19 078	-891.4	1 868.8	1982	93 12 - GPP
64	4.00	0.090	0.36	0.84	54	827	72	15 989	-813.7	1 771.3	1982	94 11 - ABAND 92 11
64	1.10	0.100	0.25	0.80	149	855	82	16 775	-922.0	1 843.9	1983	88 12 - GPP
128	1.00	0.070	0.30	0.68	149	821	83	16 837	-926.4	1 882.7	1984	94 01 - ABAND 93 06
1 000	0.62	0.080	0.30	0.84	56	827	72	14 638	-888.3	1 896.0	1984	96 08 - GPP
80	1.76	0.090	0.36	0.80	74	813	60	13 952	-877.5	1 878.7	1985	97 12 - GPP
117	1.20	0.090	0.30	0.68	149	825	82	14 155	-890.0	1 935.5	1986	94 11 - ABAND 93 07
200	0.90	0.063	0.34	0.80	91	832	74	12 122	-876.7	1 890.7	1988	90 12 - GPP
996	1.23	0.130	0.21	0.70	160	827	60	18 883	-1 073.6	2 054.3	1980	91 12 - GPP
121	1.54	0.120	0.20	0.70	132	817	72	18 462	-1 071.7	2 058.5	1981	91 12 - GPP
259	1.04	0.130	0.21	0.65	174	812	80	19 515	-1 113.4	2 119.9	1985	96 07 - GPP
64	1.50	0.145	0.19	0.70	174	820	80	18 959	-1 084.8	2 074.6	1986	86 06 - GPP
128	1.66	0.130	0.15	0.65	174	812	80	18 297	-1 096.0	2 102.5	1987	96 07 - GPP
16	2.02	0.080	0.32	0.65	174	813	80	19 846	-1 166.2	2 184.9	1988	96 07
64	3.58	0.116	0.27	0.70	174	812	80	19 171	-1 116.2	2 136.0	1984	85 11 - GPP
64	2.00	0.120	0.23	0.70	145	856	70	14 992	-1 148.4	2 170.2	1985	85 09 - GPP
64	7.40	0.078	0.33	0.80	88	879	54	14 279	-1 088.7	2 102.5	1985	86 05 - ABAND 87 01
64	24.99	0.043	0.35	0.61	195	801	78	17 402	-1 111.6	2 110.7	1975	81 12 - ABAND 85 02
64	1.50	0.290	0.36	0.91	25	844	30	1 442	420.2	248.8	1988	92 01 - ABAND 91 09

TABLE 2-6

FIELD POOL	1	2	3	4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
MIRAGE 079-07W6 (CONTINUED)								
DOE CREEK B	119.0	<0.01		0.1		0.1		0.1
HALFWAY B TOTAL	1 025.0			198.0	146.0	344.0	162.4	181.6
PRIMARY AREA	49.9	0.05		2.5		2.5		
WATER FLOOD AREA	975.0	0.20	0.15	195.0	146.0	341.0		
HALFWAY D	836.0	0.20		167.0		167.0	107.0	60.0
FIELD TOTAL	2 142.0			365.5	146.0	511.5	269.8	241.7
MITSUE 071-04W5								
GILWOOD A TOTAL	123 000.0			30 280.0	31 060.0	61 340.0	57 486.9	3 853.1
PRIMARY AREA	5 061.0	0.16		810.0		810.0		
SOLVENT FLOOD AREA	60 000.0	0.25	0.37	15 000.0	22 000.0	37 000.0		
WATER FLOOD AREA	57 890.0	0.25	0.16	14 470.0	9 060.0	23 530.0		
GILWOOD B	344.0	0.30		103.0		103.0	82.1	20.9
GILWOOD F	81.5	<0.02		1.4		1.4	1.4	
FIELD TOTAL	123 425.5			30 384.4	31 060.0	61 444.4	57 570.4	3 874.0
MONTGOMERY 011-28W4								
SECOND WHITE SPECKS A	1 500.0	<0.15		214.0		214.0	214.0	
SECOND WHITE SPECKS B	338.0	<0.02		6.2		6.2	6.2	
FIELD TOTAL	1 838.0			220.2		220.2	220.2	
MOONEY 072-07W5								
GILWOOD A	73.7	0.30		22.1		22.1	7.1	15.0
FIELD TOTAL *	73.7			22.1		22.1	7.1	15.0
MORINVILLE 055-25W4								
UPPER MANNVILLE F	378.0	<0.01		0.3		0.3	0.3	
UPPER MANNVILLE H	87.7	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE A	199.0	<0.16		30.5		30.5	28.0	2.5
LOWER MANNVILLE F	120.0	<0.04		3.9		3.9	3.9	
LOWER MANNVILLE L	226.0	<0.03		6.7		6.7	6.7	
LOWER MANNVILLE O	49.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE U	219.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE Z & GG	165.0	0.05		8.3		8.3	2.9	5.4
D-1 A	56.1	<0.13		7.2		7.2	7.2	
D-1 B	385.0	0.20		77.0		77.0	45.1	31.9
D-1 C	69.6	0.10		7.0		7.0	2.7	4.3
D-3 A	147.0	<0.24		34.8		34.8	34.8	
D-3 B	3 318.0	<0.55		1 820.0		1 820.0	1 690.9	129.1
D-3 C	1 088.0	0.10		109.0		109.0	82.8	26.2
D-3 E	1 002.0	0.24		240.0		240.0	197.3	42.7
D-3 G	253.0	0.05		12.7		12.7	4.5	8.2
D-3 H	173.0	0.35		60.6		60.6	25.1	35.5
D-3 I	213.0	0.30		63.9		63.9	9.7	54.2
D-3 J	376.0	0.20		75.2		75.2	11.6	63.6
D-3 K	559.0	0.20		112.0		112.0	17.2	94.8
FIELD TOTAL	9 083.4			2 669.4		2 669.4	2 171.0	498.4
MORNINGSIDE 042-28W4								
VIKING A	103.0	<0.03		2.8		2.8	2.8	
GLAUCONITIC G	97.0	0.10		9.7		9.7	4.7	5.0
GLAUCONITIC H	188.0	0.10		18.8		18.8	6.4	12.4
OSTRACOD A	24.2	<0.04		0.9		0.9	0.9	
OSTRACOD B	77.4	<0.08		5.7		5.7	5.7	
ELLERSLIE A	75.4	0.25		18.9		18.9	14.0	4.9
ELLERSLIE B	25.5	<0.01		0.1		0.1	0.1	
ELLERSLIE G	159.0	<0.02		1.7		1.7	1.7	
ELLERSLIE N	142.0	0.20		28.4		28.4	5.6	22.8
FIELD TOTAL	891.5			87.0		87.0	41.9	45.1
MOSSLEIGH 021-24W4								
GLAUCONITIC A	221.0	0.15		33.2		33.2	16.3	16.9

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
64	1.18	0.270	0.36	0.91	25	844	30	1 540	424.0	226.6	1989	89 10 - ABAND 89 12
517					91	825	58	13 038	-738.5	1 397.5	1988	95 09 - GPP
57	1.00	0.150	0.27	0.80								
460	2.42	0.150	0.27	0.80								
435	2.54	0.110	0.14	0.80	91	825	58	13 038	-738.1	1 386.8	1988	95 08 - GPP
51 296					103	811	60	18 149	-1 063.8	1 705.9	1964	92 12
4 608	2.00	0.110	0.36	0.78								
16 999	4.91	0.144	0.36	0.78								- GPP
29 689	3.15	0.124	0.36	0.78								- GPP
192	3.03	0.118	0.35	0.77	103	817	63	15 791	-1 089.7	1 718.1	1987	95 12 - GPP
64	2.32	0.110	0.36	0.78	103	810	60	17 634	-1 090.2	1 677.2	1968	96 12 - ABAND 70 09
138	9.31	0.200	0.20	0.73	144	805	87	33 064	-1 443.3	2 557.0	1968	96 02 - ABAND 95 11
16	18.06	0.200	0.20	0.73	144	821	75	20 427	-1 329.0	2 399.5	1979	92 11 - ABAND 97 02
64	2.50	0.120	0.52	0.80	137	829	60	19 077	-1 190.4	2 051.5	1994	96 03
16	20.30	0.190	0.32	0.90	40	966	40	8 263	-315.2	1 020.2	1987	88 03 - ABAND 89 01
32	2.70	0.210	0.48	0.93	28	859	32	7 629	-309.5	1 012.2	1988	95 10 - ABAND 95 07
100	1.52	0.220	0.30	0.85	41	876	46	7 860	-280.4	978.9	1952	94 11 - GPP
57	1.83	0.170	0.25	0.90	62	876	47	8 804	-454.5	1 148.8	1951	96 07 - GPP
93	2.59	0.220	0.52	0.89	50	887	44	9 753	-569.3	1 245.0	1965	84 12 - ABAND 89 07
64	1.00	0.170	0.50	0.90	33	871	43	6 774	-461.5	1 155.0	1983	84 01 - ABAND 84 09
64	3.90	0.210	0.52	0.87	50	875	46	8 854	-391.0	1 087.5	1987	88 01 - ABAND 88 10
32	4.00	0.200	0.29	0.91	35	858	33	7 245	-404.9	1 097.0	1989	94 01 - GPP
130	2.74	0.030	0.30	0.75	53	839	48	8 222	-461.8	1 161.6	1953	64 12 - ABAND 60 10
316	2.47	0.100	0.42	0.85	62	822	35	8 215	-444.9	1 142.2	1986	90 06 - GPP
32	5.20	0.080	0.37	0.83	64	838	38	7 696	-453.0	1 121.1	1987	93 02 - GPP
32	8.00	0.090	0.15	0.75	62	849	56	10 726	-696.5	1 397.2	1955	94 11 - GPP
345	14.80	0.085	0.09	0.84	60	844	60	12 715	-922.3	1 607.4	1960	88 07 - GPP
300	4.51	0.110	0.13	0.84	62	849	52	10 568	-675.9	1 380.2	1963	90 12 - GPP
202	5.90	0.130	0.23	0.84	59	890	61	10 366	-661.6	1 370.4	1982	94 12 - GPP
64	5.10	0.100	0.14	0.90	45	949	51	10 486	-629.7	1 332.7	1985	85 12 - GPP
74	3.34	0.110	0.15	0.75	62	900	58	10 551	-677.3	1 380.7	1994	95 10 - GPP
64	5.70	0.080	0.12	0.83	60	843	61	12 788	-937.9	1 632.2	1995	96 02
128	4.66	0.100	0.24	0.83	60	843	61	13 049	-946.0	1 629.6	1995	96 12 - GPP
32	39.00	0.060	0.10	0.83	73	850	60	12 345	-907.0	1 595.5	1996	96 12 - GPP
128	0.80	0.170	0.30	0.85	46	836	57	14 107	-696.3	1 648.3	1980	96 07 - GPP
32	3.90	0.120	0.20	0.81	77	887	69	14 312	-866.1	1 830.7	1995	96 08 - GPP
64	3.44	0.130	0.19	0.81	77	887	69	15 235	-877.1	1 828.6	1996	97 01 - GPP
32	1.00	0.120	0.25	0.84	58	918	63	13 211	-865.1	1 790.5	1984	88 08 - ABAND 90 05
64	2.16	0.100	0.30	0.80	69	885	57	13 899	-877.2	1 802.6	1974	90 12 - ABAND 92 07
83	0.92	0.140	0.16	0.84	58	917	63	15 752	-911.1	1 867.0	1988	96 11 - GPP
64	0.80	0.080	0.26	0.84	58	886	62	17 272	-895.4	1 832.4	1988	89 06 - ABAND 89 10
128	1.99	0.120	0.35	0.80	58	855	72	15 867	-869.2	1 789.6	1993	96 07 - GPP
67	2.15	0.140	0.15	0.83	160	912	63	15 856	-922.8	1 840.6	1995	96 07 - GPP
38	5.08	0.200	0.31	0.83	79	848	49			1 563.9	1996	97 11

TABLE 2-6

FIELD POOL	1	2	3	4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
MOSSLEIGH 021-24W4 (CONTINUED)								
LOWER MANNVILLE C	739.0	0.10		73.9		73.9	6.5	67.4
LOWER MANNVILLE D	90.7	0.10		9.1		9.1	1.5	7.6
FIELD TOTAL	1 050.7			116.2		116.2	24.3	91.9
MULLIGAN 082-08W6								
CHARLIE LAKE A	253.0	0.10		25.3		25.3	20.2	5.1
CHARLIE LAKE B	219.0	0.15		32.9		32.9	25.9	7.0
CHARLIE LAKE C	281.0	0.20		56.2		56.2	27.3	28.9
HALFWAY A	712.0	0.03		21.4		21.4	13.4	8.0
FIELD TOTAL	1 465.0			135.8		135.8	86.8	49.0
MUSREAU 062-06W6								
CARDIUM A	89.0	<0.01		0.3		0.3	0.3	
FIELD TOTAL	89.0			0.3		0.3	0.3	
NELSON 043-26W4								
BELLY RIVER B	88.1	0.10		8.8		8.8	1.4	7.4
VIKING A	1 600.0	0.10		160.0		160.0	136.7	23.3
UPPER MANNVILLE E	135.0	<0.01		0.8		0.8	0.8	
LOWER MANNVILLE A	66.5	<0.01		0.6		0.6	0.6	
LOWER MANNVILLE B	429.0	0.03		12.9		12.9	8.8	4.1
FIELD TOTAL	2 318.6			183.1		183.1	148.3	34.8
NEVIS 039-22W4								
BLAIRMORE B	307.0	<0.01		0.3		0.3	0.3	
BLAIRMORE C	1 600.0	0.18		288.0		288.0	263.9	24.1
BLAIRMORE D	126.0	<0.02		2.4		2.4	2.4	
BLAIRMORE F	216.0	0.10		21.6		21.6	12.4	9.2
BLAIRMORE H	144.0	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE A	2 322.0	0.16		372.0		372.0	294.5	77.5
UPPER MANNVILLE H	779.0	0.10		77.9		77.9	50.5	27.4
LOWER MANNVILLE A	62.7	<0.01		0.5		0.5	0.5	
DEVONIAN & D-2C	429.0	<0.04		14.2		14.2	14.2	
D-1 A	28.1	<0.03		0.8		0.8	0.8	
D-2 A	274.0	<0.02		3.1		3.1	3.1	
D-2 B	198.0	0.05		9.9		9.9	0.7	9.2
D-3 B	238.0	<0.16		36.4		36.4	36.4	
D-3 C	220.0	<0.22		47.4		47.4	47.4	
D-3 D	192.0	<0.13		23.6		23.6	23.6	
D-3 E	1 272.0	0.15		191.0		191.0	166.3	24.7
D-3 F	400.0	<0.03		11.1		11.1	11.1	
D-3 G	240.0	0.30		72.0		72.0	65.6	6.4
D-3 H	75.7	<0.01		0.4		0.4	0.4	
D-3 I	120.0	0.10		12.0		12.0	0.1	11.9
FIELD TOTAL	9 243.5			1 184.7		1 184.7	994.3	190.4
NEW NORWAY 044-22W4								
ELLERSLIE A	1 626.0	0.20		325.0		325.0	229.5	95.5
ELLERSLIE G	163.0	<0.01		0.8		0.8	0.8	
ELLERSLIE C & J	158.0	0.15		23.7		23.7	1.6	22.1
D-1 A	142.0	0.10		14.2		14.2	5.9	8.3
D-2	2 154.0	0.65		1 400.0		1 400.0	1 303.6	96.4
D-3	318.0	<0.58		181.6		181.6	181.6	
FIELD TOTAL	4 561.0			1 945.3		1 945.3	1 723.0	222.3
NEWBROOK 062-20W4								
UPPER MANNVILLE N	121.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL	121.0			0.1		0.1	0.1	
NINASTOKO 005-25W4								
RUNDLE A	87.0	0.35		30.5		30.5	17.3	13.2
BANFF A	84.8	<0.02		0.9		0.9	0.9	
FIELD TOTAL	171.8			31.4		31.4	18.2	13.2

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
64	11.00	0.160	0.20	0.82	83	839	45	14 067	-733.4	1 685.5	1994	95 03 - GPP
64	1.50	0.180	0.36	0.82	76	856	59	13 270	-679.2	1 617.3	1996	96 07 - GPP
128	2.70	0.120	0.23	0.79	92	846	47	10 983	-505.7	1 171.1	1982	89 09 - GPP
64	2.45	0.210	0.18	0.81	95	823	41	11 243	-541.6	1 183.0	1989	89 08 - GPP
128	3.02	0.110	0.25	0.88	45	900	41	10 859	-516.3	1 205.7	1983	96 12 - GPP
256	4.67	0.108	0.31	0.80	79	844	50	14 173	-573.3	1 298.3	1979	96 08 - GPP
64	5.72	0.080	0.24	0.40	464	778	82	21 334	-848.3	2 014.3	1980	96 01 - ABAND 95 11
16	3.50	0.240	0.31	0.95	20	848	30	4 394	81.1	736.5	1991	95 08
936	2.61	0.120	0.40	0.91	54	841	59	7 430	-556.9	1 414.5	1985	89 07 - GPP
16	7.10	0.170	0.17	0.84	58	889	63		-663.5	1 480.9	1991	97 06
16	3.60	0.170	0.30	0.97	25	912	52	11 398	-701.4	1 541.8	1988	96 07
64	6.47	0.170	0.30	0.87	57	895	47	10 948	-678.6	1 515.0	1972	97 12 - GPP
65	3.35	0.220	0.20	0.80	89	881	49	9 412	-582.0	1 404.4	1967	74 04 - ABAND 74 03
792	1.61	0.180	0.18	0.85	53	893	57	10 129	-577.0	1 386.8	1959	93 12 - GPP
64	2.44	0.130	0.30	0.88	51	870	38	9 538	-596.6	1 477.8	1977	82 12
128	2.40	0.135	0.35	0.80	70	886	57	11 192	-592.7	1 418.7	1982	97 01 - GPP
64	3.00	0.170	0.45	0.80	66	878	54	10 225	-606.6	1 405.8	1959	88 12 - ABAND 94 12
1 642	1.62	0.160	0.38	0.88	48	915	62	10 446	-609.2	1 426.7	1977	96 09 - GPP
294	1.69	0.210	0.17	0.90	32	888	54	10 473	-548.0	1 338.5	1991	94 02 - GPP
64	1.20	0.170	0.40	0.80	64	893	54	11 098	-601.7	1 404.6	1981	84 06 - ABAND 85 10
199	4.82	0.080	0.20	0.70	120	834	58	16 185	-893.0	1 722.4	1952	93 06 - ABAND 74 06
64	1.30	0.060	0.26	0.76	50	897	45	10 045	-686.5	1 520.4	1952	92 10 - ABAND 93 02
128	4.20	0.085	0.20	0.75	86	826	58	12 273	-934.6	1 735.4	1986	90 12
64	9.50	0.080	0.40	0.68	148	823	59	12 194	-882.5	1 735.3	1985	89 09 - GPP
7	56.15	0.087	0.20	0.87	53	870	43	16 952	-1 030.0	1 856.5	1968	96 07 - ABAND 95 08
6	65.87	0.080	0.20	0.87	40	870	64	16 921	-970.3	1 788.1	1967	89 12 - GPP
14	31.80	0.065	0.20	0.83	64	876	64	15 908	-996.2	1 821.0	1969	96 07 - GPP
34	45.81	0.120	0.17	0.82	79	887	38	16 175	-996.1	1 832.5	1970	84 12 - GPP
64	11.80	0.076	0.15	0.82	74	887	38	14 791	-922.9	1 755.6	1970	88 12 - ABAND 82 06
20	25.30	0.075	0.23	0.82	79	887	62	14 220	-1 036.7	1 894.0	1984	87 11 - GPP
16	9.50	0.080	0.25	0.83	64	874	64	12 511	-899.1	1 689.3	1988	92 10 - ABAND 89 12
16	16.00	0.070	0.18	0.82	79	887	62			1 703.0	1996	97 09
259	4.90	0.220	0.29	0.82	72	832	50	9 740	-583.0	1 357.1	1966	96 06 - GPP
64	2.50	0.220	0.40	0.77	71	837	44	9 502	-579.0	1 336.8	1980	84 12 - ABAND 83 02
32	5.50	0.240	0.50	0.75	80	825	56	10 229	-588.6	1 393.6	1953	97 11
64	4.50	0.080	0.19	0.76	100	854	50	9 981	-616.9	1 393.8	1951	92 06 - GPP
197	18.70	0.085	0.14	0.80	82	825	54	10 574	-636.3	1 399.5	1951	81 12 - GPP
77	15.03	0.044	0.20	0.78	84	839	58	14 016	-726.6	1 491.3	1951	93 02 - ABAND 92 10
16	3.30	0.300	0.22	0.98	7	990	32	4 359	95.8	574.0	1988	88 10 - ABAND 90 12
64	2.50	0.080	0.20	0.85	62	835	57	18 799	-1 133.0	2 189.1	1982	97 12 - GPP
16	29.70	0.030	0.30	0.85	55	870	50	25 244	-1 347.2	2 405.3	1982	92 11 - ABAND 92 12

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
NIOBE 035-27W4								
PEKISKO A	89.4	<0.01		0.7		0.7	0.7	
FIELD TOTAL	89.4			0.7		0.7	0.7	
NIPISI 079-08W5								
SLAVE POINT A	353.0	0.10		35.3		35.3	16.3	19.0
SLAVE POINT B	395.0	<0.01		1.1		1.1	1.1	
SLAVE POINT C	218.0	0.10		21.8		21.8	7.7	14.1
SLAVE POINT D	134.0	0.15		20.1		20.1	13.0	7.1
SLAVE POINT E	40.7	0.15		6.1		6.1	4.8	1.3
GILWOOD A TOTAL	122 500.0			31 940.0	25 600.0	57 540.0	52 323.4	5 216.6
PRIMARY AREA	10 380.0	0.27		2 803.0		2 803.0		
SOLVENT FLOOD AREA	72 700.0	<0.27	0.28	18 900.0	20 670.0	39 570.0		
WATER FLOOD AREA	39 400.0	0.26	0.12	10 240.0	4 926.0	15 170.0		
GILWOOD C	4 191.0	0.20		838.0		838.0	687.3	150.7
GILWOOD E	135.0	0.20		27.0		27.0	23.3	3.7
GILWOOD F	100.0	<0.05		4.5		4.5	4.5	
GILWOOD G	148.0	<0.11		15.1		15.1	15.1	
GILWOOD H	749.0	0.15		112.0		112.0	71.1	40.9
GILWOOD I	272.0	0.10		27.2		27.2	15.6	11.6
GILWOOD J	16.6	0.15		2.5		2.5	1.1	1.4
GILWOOD K	59.1	0.15		8.9		8.9	0.2	8.7
GILWOOD L	165.0	0.10		16.5		16.5	3.7	12.8
KEG RIVER SANDSTONE A	2 350.0	0.28		658.0		658.0	596.2	61.8
KEG RIVER SANDSTONE E	2 052.0	0.45		923.0		923.0	796.1	126.9
KEG RIVER SANDSTONE F	323.0	<0.02		5.5		5.5	5.5	
KEG RIVER SANDSTONE G	355.0	<0.03		8.6		8.6	8.6	
KEG RIVER SANDSTONE H	192.0	0.25		48.0		48.0	43.0	5.0
KEG RIVER SANDSTONE I	130.0	<0.12		15.4		15.4	15.4	
KEG RIVER SANDSTONE J	223.0	<0.03		5.0		5.0	5.0	
KEG RIVER SANDSTONE K	29.4	<0.02		0.5		0.5	0.5	
KEG RIVER SANDSTONE L	384.0	0.07		26.9		26.9	20.4	6.5
KEG RIVER SANDSTONE M	175.0	<0.10		15.8		15.8	15.8	
KEG RIVER SANDSTONE N	22.4	<0.01		0.1		0.1	0.1	
KEG RIVER SANDSTONE O	298.0	0.25		74.5		74.5	41.3	33.2
KEG RIVER SANDSTONE P	84.5	<0.01		0.5		0.5	0.5	
KEG RIVER SANDSTONE T	25.5	0.25		6.4		6.4	2.7	3.7
FIELD TOTAL	136 120.2			34 864.3	25 600.0	60 464.3	54 739.3	5 725.0
NITON 055-12W5								
CARDIUM A	135.0	<0.09		11.2		11.2	11.2	
CARDIUM B	137.0	0.08		11.0		11.0	6.4	4.6
CARDIUM C	230.0	<0.09		18.6		18.6	18.6	
CARDIUM D	176.0	<0.01		0.8		0.8	0.8	
CARDIUM E	142.0	0.15		21.3		21.3	15.4	5.9
CARDIUM F	137.0	0.10		13.7		13.7	9.6	4.1
CARDIUM G	187.0	0.15		28.1		28.1	25.9	2.2
CARDIUM H	39.1	<0.01		0.1		0.1	0.1	
CARDIUM I	142.0	<0.03		3.2		3.2	3.2	
CARDIUM J	29.7	<0.08		2.3		2.3	2.3	
BASAL QUARTZ A	17.3	<0.01		0.1		0.1	0.1	
BASAL QUARTZ C	168.0	<0.01		0.8		0.8	0.8	
BASAL QUARTZ G	177.0	<0.01		0.1		0.1	0.1	
BASAL QUARTZ K	116.0	0.02		2.3		2.3	2.3	
BASAL QUARTZ M	124.0	<0.03		2.6		2.6	2.6	
BASAL QUARTZ I & ROCK CREEK A	190.0	0.15		28.5		28.5	21.5	7.0

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
64	5.00	0.050	0.31	0.81	79	866	73	11 840	-993.4	1 999.3	1994	95 04 - ABAND 95 01
128	6.30	0.085	0.44	0.92	16	830	54	17 170	-1 022.6	1 674.9	1982	85 04 - GPP
64	12.31	0.082	0.32	0.90	24	840	67	16 755	-1 105.4	1 827.1	1984	88 12
32	12.64	0.090	0.35	0.92	18	860	66	17 063	-1 099.8	1 813.7	1985	91 12 - GPP
64	5.50	0.065	0.35	0.90	32	837	51	15 892	-1 071.5	1 725.3	1973	84 02 - GPP
16	7.60	0.062	0.40	0.90	31	845	52	16 079	-1 100.5	1 837.9	1984	92 06 - GPP
34 770					65	820	49	17 994	-1 054.6	1 711.8	1965	97 12 - GPP
5 437	2.68	0.130	0.34	0.83								
12 044	6.90	0.155	0.32	0.83								
17 289	3.30	0.130	0.36	0.83								
1 834	3.53	0.120	0.35	0.83	56	820	62	18 395	-1 095.2	1 788.7	1969	93 12 - GPP
64	3.28	0.126	0.38	0.82	65	821	56	10 244	-1 027.7	1 675.8	1980	93 12 - GPP
64	2.30	0.130	0.37	0.83	61	821	47	10 278	-1 032.5	1 678.2	1980	88 12
128	1.80	0.115	0.32	0.82	65	821	56	10 713	-1 036.2	1 680.2	1979	96 07 - GPP
695	1.61	0.130	0.38	0.83	63	820	62	17 999	-1 109.7	1 835.3	1979	92 12 - GPP
128	3.54	0.134	0.44	0.80	63	819	62	15 484	-1 136.5	1 857.2	1984	87 08 - GPP
16	2.10	0.110	0.46	0.83	56	819	62	18 008	-1 122.4	1 829.8	1988	97 05 - GPP
64	2.20	0.080	0.36	0.82	65	821	56	15 288	-1 088.9	1 748.1	1991	92 09
32	5.00	0.180	0.31	0.83	59	817	51	13 646	-1 079.5	1 727.5	1994	95 03
1 814	1.46	0.143	0.27	0.85	65	820	56	18 055	-1 091.9	1 746.1	1966	97 12 - GPP
493	4.06	0.180	0.33	0.85	55	820	50	15 598	-1 095.4	1 741.1	1977	97 12 - GPP
64	5.00	0.180	0.34	0.85	53	810	54	13 891	-1 099.4	1 744.8	1980	86 12 - GPP
64	6.40	0.170	0.40	0.85	53	849	52	15 624	-1 092.8	1 738.1	1972	88 12 - ABAND 90 03
64	3.40	0.160	0.35	0.85	55	824	43	13 152	-1 102.8	1 749.4	1982	83 04 - GPP
64	1.90	0.180	0.30	0.85	50	830	57	12 707	-1 100.7	1 751.0	1982	96 07 - GPP
64	3.50	0.180	0.35	0.85	53	820	52	12 392	-1 097.5	1 740.5	1984	87 12 - ABAND 89 09
64	1.50	0.080	0.55	0.85	55	824	44	12 511	-1 095.3	1 748.3	1984	84 08 - ABAND 84 11
64	6.10	0.170	0.32	0.85	55	825	47	12 105	-1 093.0	1 745.7	1984	90 12 - GPP
32	4.60	0.200	0.30	0.85	65	825	49	11 890	-1 100.1	1 745.8	1985	96 07 - GPP
64	0.60	0.137	0.50	0.85	52	825	54	11 448	-1 098.9	1 743.2	1985	85 10
64	3.40	0.230	0.30	0.85	52	828	53	11 774	-1 101.2	1 749.7	1986	86 05 - GPP
16	4.00	0.210	0.26	0.85	56	827	41	15 493	-1 074.7	1 720.3	1992	96 07
32	0.90	0.170	0.38	0.84	65	822	49	18 054	-1 091.9	1 751.9	1996	97 05 - GPP
64	2.72	0.114	0.22	0.87	48	834	57	9 506	-595.8	1 427.8	1970	94 05 - ABAND 93 09
64	6.00	0.056	0.25	0.85	64	865	42	9 531	-568.5	1 402.7	1984	97 12
128	2.84	0.100	0.28	0.88	44	856	52	9 157	-569.1	1 384.4	1982	94 01 - ABAND 93 09
64	4.00	0.110	0.29	0.88	44	856	52	8 703	-485.8	1 381.9	1984	88 12 - ABAND 90 09
64	3.35	0.100	0.25	0.88	45	856	52	9 381	-614.2	1 453.9	1985	86 05 - GPP
64	4.12	0.080	0.26	0.88	44	856	52	9 077	-572.0	1 418.7	1985	97 11 - GPP
64	5.60	0.080	0.26	0.88	44	856	52	10 200	-582.5	1 422.3	1986	87 04 - GPP
64	1.60	0.070	0.38	0.88	44	856	52	9 335	-567.8	1 378.0	1987	87 07 - ABAND 89 03
64	2.97	0.110	0.23	0.88	44	856	52	9 333	-507.6	1 390.3	1986	86 10 - ABAND 90 06
16	3.20	0.100	0.34	0.88	44	856	52	8 191	-536.4	1 339.0	1987	96 07 - GPP
16	1.54	0.160	0.40	0.73	114	839	80	16 311	-1 108.5	1 933.5	1964	96 07 - GPP
64	3.66	0.150	0.35	0.73	114	839	80	16 558	-1 126.5	1 961.7	1967	76 08
64	4.63	0.130	0.37	0.73	56	900	80	15 971	-1 112.1	1 947.7	1979	79 12
64	3.00	0.120	0.30	0.72	120	892	65	17 237	-1 091.4	1 900.7	1981	88 12
64	2.00	0.150	0.13	0.74	110	832	76	16 146	-1 079.7	1 937.8	1988	95 08 - ABAND 95 06
128	2.30	0.130	0.32	0.73	114	864	76	16 199	-1 035.7	1 861.3	1980	90 08 - GPP

TABLE 2-6

FIELD POOL	1	2	3	4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
NITON 055-12W5 (CONTINUED)								
ROCK CREEK B	49.0	<0.01		0.1		0.1	0.1	
ROCK CREEK F TOTAL	6 941.0			1 269.0	262.0	1 531.0	1 328.0	203.0
PRIMARY AREA	401.0	0.23		92.2		92.2		
WATER FLOOD AREA	6 540.0	0.18	0.04	1 177.0	262.0	1 439.0		
ROCK CREEK G	140.0	0.10		14.0		14.0	12.0	2.0
ROCK CREEK H	1 827.0	0.12		219.0		219.0	124.3	94.7
ROCK CREEK I	221.0	0.15		33.2		33.2	30.8	2.4
ROCK CREEK J	72.6	0.10		7.3		7.3	3.7	3.6
ROCK CREEK L	65.9	0.10		6.6		6.6	4.7	1.9
ROCK CREEK M	487.0	0.15		73.1		73.1	42.1	31.0
ROCK CREEK N WATER FLOOD	995.0	0.15	0.10	150.0	99.5	250.0	163.7	86.3
FIELD TOTAL	12 945.6			1 917.0	361.5	2 279.0	1 830.3	448.7
NORMANDVILLE 079-22W5								
JURASSIC A	120.0	0.01		1.3		1.3	1.3	
MONTNEY A	102.0	0.10		10.2		10.2	0.5	9.7
MONTNEY B	125.0	0.10		12.5		12.5	5.3	7.2
MONTNEY C	63.3	0.10		6.3		6.3	0.4	5.9
MONTNEY D	140.0	<0.02		2.2		2.2	2.2	
MISSISSIPPIAN B	23.0	0.04		0.9		0.9	0.9	
MISSISSIPPIAN E	212.0	<0.07		13.0		13.0	13.0	
MISSISSIPPIAN F	214.0	<0.04		6.9		6.9	6.9	
MISSISSIPPIAN H	29.6	0.03		0.9		0.9	0.9	
MISSISSIPPIAN I	86.4	0.10		8.6		8.6	3.3	5.3
MISSISSIPPIAN J	74.0	0.10		7.4		7.4	0.8	6.6
PEKISKO A	145.0	0.35		50.8		50.8	34.7	16.1
D-1 A	531.0	0.36		191.0		191.0	186.1	4.9
D-1 B	403.0	<0.01		0.4		0.4	0.4	
D-1 C	64.4	<0.09		5.3		5.3	5.3	
D-1 D	50.3	<0.07		3.2		3.2	3.2	
D-1 E	88.0	<0.28		24.3		24.3	24.3	
D-1 F	150.0	0.35		52.5		52.5	47.0	5.5
D-1 G	336.0	0.20		67.2		67.2	32.1	35.1
D-3 A	412.0	<0.42		172.2		172.2	172.2	
D-3 B	526.0	0.40		210.0		210.0	199.6	10.4
D-3 C	241.0	0.35		84.4		84.4	43.7	40.7
GILWOOD A	220.0	0.30		66.0		66.0	61.4	4.6
FIELD TOTAL	4 356.0			997.5		997.5	845.5	152.0
NORRIS 054-18W4								
LOWER VIKING B	195.0	0.10		19.5		19.5	9.1	10.4
FIELD TOTAL *	195.0			19.5		19.5	9.1	10.4
NORTHVILLE 052-10W5								
CARDIUM A	183.0	0.04		7.3		7.3	3.6	3.7
ELLERSLIE B	125.0	0.10		12.5		12.5	5.2	7.3
ROCK CREEK A	75.3	<0.01		0.6		0.6	0.6	
JURASSIC A	115.0	0.06		6.9		6.9	4.1	2.8
JURASSIC E	76.1	0.15		11.4		11.4	10.2	1.2
FIELD TOTAL	574.4			38.7		38.7	23.7	15.0
OBERLIN 038-21W4								
MANNVILLE C	197.0	<0.03		4.7		4.7	4.7	
FIELD TOTAL	197.0			4.7		4.7	4.7	
OGSTON 089-10W5								
KEG RIVER SANDSTONE B	127.0	<0.02		1.6		1.6	1.6	
GRANITE WASH B	259.0	0.40		104.0		104.0	95.3	8.7
GRANITE WASH C	65.6	<0.02		1.2		1.2	1.2	
GRANITE WASH D	99.5	0.15		14.9		14.9	5.0	9.9
GRANITE WASH E	68.2	0.30		20.5		20.5	16.0	4.5
GRANITE WASH F	61.1	0.30		18.3		18.3	15.6	2.7
GRANITE WASH G	108.0	0.20		21.6		21.6	21.3	0.3
GRANITE WASH H	61.1	0.09		5.5		5.5	5.5	

* LIGHT-MEDIUM CRUDE OIL POOLS

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
64	1.50	0.110	0.42	0.80	135	883	62	15 400	-1 084.7	1 903.8	1985	88 12 - ABAND 90 05
2 813					114	839	76	16 277	-1 128.7	1 968.8	1965	92 06 - GPP
303	1.96	0.157	0.41	0.73								
2 510	4.43	0.152	0.47	0.73								
64	4.40	0.126	0.46	0.73	115	876	71	15 247	-1 027.4	1 910.7	1986	87 04 - GPP
385	6.59	0.137	0.28	0.73	120	834	70	16 270	-1 075.0	1 928.5	1984	94 11
64	4.92	0.170	0.45	0.75	84	879	71	16 255	-1 081.3	1 887.8	1974	75 12
64	0.90	0.210	0.25	0.80	93	841	54	14 343	-1 090.2	1 948.4	1987	88 11 - GPP
32	3.85	0.120	0.45	0.81	74	865	74	12 863	-989.9	1 791.9	1986	91 03
64	9.84	0.129	0.20	0.75	100	862	75	15 400	-969.0	1 794.9	1988	89 10 - GPP
315	4.78	0.110	0.23	0.78	100	862	75	15 972	-988.8	1 792.6	1987	97 09 - GPP
32	3.66	0.150	0.25	0.90	35	921	33	7 357	-231.3	807.1	1956	61 02 - ABAND 61 11
64	3.00	0.120	0.49	0.87	53	840	35	8 566	-335.1	923.7	1993	94 07 - GPP
32	5.00	0.170	0.47	0.87	53	830	35	7 628	-296.1	905.0	1993	95 01 - GPP
16	4.60	0.190	0.48	0.87	50	838	35	8 376	-310.5	910.7	1994	95 09 - GPP
32	4.50	0.160	0.30	0.87	50	838	35	7 846	-292.3	902.8	1980	96 12 - GPP
16	1.52	0.150	0.25	0.84	62	839	37	11 432	-491.5	1 066.0	1957	61 02 - ABAND 61 11
32	7.10	0.200	0.45	0.85	57	833	40	11 519	-503.3	1 075.6	1990	97 12 - ABAND 97 06
32	6.00	0.230	0.43	0.85	60	836	37	11 547	-507.9	1 080.8	1990	97 12 - ABAND 97 07
32	1.20	0.150	0.41	0.87	62	832	35	8 829	-424.0	998.8	1995	97 12 - ABAND 96 10
16	4.20	0.230	0.35	0.86	65	833	36	10 963	-492.6	1 064.8	1990	96 05 - GPP
16	6.80	0.200	0.60	0.85	70	830	39	11 381	-512.4	1 084.0	1996	97 03
64	3.40	0.120	0.33	0.83	100	834	48	13 583	-814.8	1 391.1	1991	95 12 - GPP
365	7.04	0.035	0.28	0.82	68	834	53	18 089	-1 190.8	1 766.8	1956	97 12 - GPP
32	77.50	0.030	0.34	0.82	66	855	57	13 851	-1 171.3	1 755.9	1984	91 01
16	69.30	0.010	0.30	0.83	62	849	61	18 583	-1 224.2	1 796.4	1990	96 07 - GPP
16	24.90	0.020	0.24	0.83	62	848	61	18 397	-1 195.1	1 755.0	1990	96 07
32	11.40	0.045	0.33	0.80	76	844	60	18 416	-1 211.0	1 783.0	1990	96 07 - GPP
32	20.70	0.040	0.28	0.79	102	851	72	18 456	-1 207.1	1 779.6	1990	91 10 - GPP
20	51.90	0.050	0.19	0.80	76	844	60	17 105	-1 153.7	1 728.1	1991	92 02 - GPP
65	21.34	0.046	0.19	0.80	77	825	66	21 815	-1 467.9	2 049.6	1949	96 07 - GPP
231	13.00	0.030	0.27	0.80	77	825	66	21 767	-1 471.4	2 045.3	1958	92 11 - GPP
64	12.70	0.050	0.26	0.80	75	827	69	20 939	-1 471.8	2 051.6	1991	91 12 - GPP
64	3.72	0.150	0.30	0.88	39	833	68	24 822	-1 721.7	2 319.0	1987	92 12 - GPP
128	2.45	0.150	0.54	0.90	42	874	20	5 529	-7.0	687.3	1982	97 01 - GPP
32	11.00	0.130	0.55	0.89	41	868	54	7 752	-584.7	1 450.5	1981	96 08 - GPP
64	2.50	0.130	0.25	0.80	74	843	61	14 967	-1 087.1	1 946.5	1995	95 08 - GPP
64	2.80	0.100	0.40	0.70	150	813	62	17 090	-1 120.6	1 982.9	1984	85 07
32	8.00	0.095	0.35	0.73	120	885	77	16 094	-1 140.9	2 032.7	1981	96 08
64	3.21	0.084	0.37	0.70	130	800	62	17 309	-1 108.5	1 986.3	1986	94 12 - GPP
64	2.77	0.160	0.20	0.87	51	870	47	10 067	-505.4	1 324.1	1973	94 12 - ABAND 94 10
16	7.32	0.220	0.42	0.85	50	829	43	16 176	-937.3	1 491.1	1976	92 11 - ABAND 82 02
116	1.94	0.210	0.37	0.87	39	837	41	15 874	-947.7	1 561.6	1989	93 12 - GPP
16	3.80	0.200	0.38	0.87	51	832	41	15 832	-942.1	1 512.0	1990	96 12 - GPP
64	2.03	0.160	0.45	0.87	39	837	41	15 863	-948.3	1 558.4	1990	91 11 - GPP
64	1.20	0.200	0.49	0.87	39	837	41	15 374	-946.5	1 552.9	1993	93 11 - GPP
64	1.20	0.150	0.39	0.87	39	837	41	15 289	-939.6	1 560.3	1993	93 11 - GPP
64	1.80	0.150	0.27	0.86	62	829	49	15 403	-935.4	1 495.6	1975	95 01 - GPP
16	4.08	0.160	0.32	0.86	62	829	49	15 311	-937.1	1 505.6	1977	97 12 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 INITIAL ESTABLISHED RESERVES ENHANCED 10^3m^3	6 INITIAL ESTABLISHED RESERVES TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
OGSTON 089-10W5 (CONTINUED)								
GRANITE WASH I	45.8	<0.11		4.7		4.7	4.7	
GRANITE WASH J	73.1	0.10		7.3		7.3	7.0	0.3
GRANITE WASH K	104.0	0.30		31.2		31.2	30.7	0.5
GRANITE WASH L	172.0	0.30		51.6		51.6	8.6	43.0
GRANITE WASH M	38.1	0.25		9.5		9.5	1.3	8.2
FIELD TOTAL	1 282.5			291.9		291.9	213.8	78.1
OKOTOKS 022-28W4								
ELLERSLIE A	53.4	<0.02		0.8		0.8	0.8	
WABAMUN A	167.0	<0.01		1.5		1.5	1.5	
FIELD TOTAL	220.4			2.3		2.3	2.3	
OTTER 087-12W5								
SLAVE POINT A	1 953.0	0.15		293.0		293.0	157.1	135.9
SLAVE POINT B	457.0	0.15		68.6		68.6	29.9	38.7
SLAVE POINT C	128.0	0.10		12.8		12.8	2.2	10.6
GRANITE WASH A	3 622.0	0.30		1 087.0		1 087.0	910.1	176.9
GRANITE WASH D	49.7	<0.10		4.6		4.6	4.6	
GRANITE WASH F	2 304.0	0.30		691.0		691.0	652.7	38.3
GRANITE WASH I	1 038.0	0.30		311.0		311.0	223.2	87.8
GRANITE WASH J	86.6	0.20		17.3		17.3	11.4	5.9
GRANITE WASH K	1 085.0	0.10		109.0		109.0	41.7	67.3
GRANITE WASH M	273.0	<0.02		4.0		4.0	4.0	
GRANITE WASH N	116.0	<0.02		1.2		1.2	1.2	
GRANITE WASH O	86.9	0.15		13.0		13.0	4.5	8.5
GRANITE WASH P	92.9	<0.02		1.1		1.1	1.1	
GRANITE WASH S	57.1	<0.01		0.1		0.1	0.1	
GRANITE WASH T	50.7	<0.09		4.1		4.1	4.1	
GRANITE WASH U	201.0	0.20		40.2		40.2	19.0	21.2
GRANITE WASH V	102.0	<0.02		1.7		1.7	1.7	
GRANITE WASH W	303.0	0.20		60.6		60.6	35.4	25.2
GRANITE WASH X	14.8	<0.07		1.0		1.0	1.0	
GRANITE WASH Y	195.0	0.20		39.0		39.0	22.9	16.1
GRANITE WASH Z	47.8	<0.11		5.2		5.2	5.2	
GRANITE WASH AA	31.3	<0.06		1.8		1.8	1.8	
GRANITE WASH BB	55.4	0.20		11.1		11.1	7.6	3.5
GRANITE WASH CC	141.0	0.30		42.3		42.3	30.5	11.8
GRANITE WASH EE	58.5	0.20		11.7		11.7	6.8	4.9
GRANITE WASH FF	138.0	0.20		27.6		27.6	15.1	12.5
GRANITE WASH GG	201.0	0.30		60.3		60.3	28.3	32.0
GRANITE WASH HH	293.0	0.25		73.3		73.3	27.5	45.8
GRANITE WASH JJ	88.4	0.30		26.5		26.5	3.5	23.0
GRANITE WASH KK	67.3	0.40		26.9		26.9	13.8	13.1
GRANITE WASH LL	129.0	0.30		38.7		38.7	9.1	29.6
GRANITE WASH MM	135.0	0.30		40.5		40.5	20.4	20.1
GRANITE WASH NN	92.4	0.25		23.1		23.1	9.1	14.0
GRANITE WASH OO	87.3	0.30		26.2		26.2	15.8	10.4
GRANITE WASH PP	152.0	0.25		38.0		38.0	14.4	23.6
GRANITE WASH QQ	255.0	0.20		51.0		51.0	11.8	39.2
GRANITE WASH RR	91.5	0.30		27.5		27.5	20.4	7.1
GRANITE WASH SS	80.3	0.30		24.1		24.1	10.6	13.5
GRANITE WASH TT	72.7	0.25		18.2		18.2	9.9	8.3
GRANITE WASH UU	188.0	0.20		37.6		37.6	23.2	14.4
GRANITE WASH VV	193.0	<0.08		14.3		14.3	14.3	
GRANITE WASH WW	40.4	<0.05		1.9		1.9	1.9	
FIELD TOTAL	14 854.0			3 388.1		3 388.1	2 428.9	959.2
PADDLE RIVER 057-08W5								
D-2 A	181.0	<0.13		22.2		22.2	22.2	
FIELD TOTAL *	181.0			22.2		22.2	22.2	
PAKOWKI LAKE 004-07W4								
SUNBURST A	62.1	<0.01		0.4		0.4	0.4	
SUNBURST B	535.0	0.10		53.5		53.5	33.8	19.7
FIELD TOTAL	597.1			53.9		53.9	34.2	19.7

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
16	2.68	0.170	0.27	0.86	62	829	49	12 234	-931.7	1 492.5	1977	96 07 - GPP
16	4.55	0.160	0.27	0.86	62	829	49	16 170	-941.6	1 503.3	1977	95 01 - GPP
64	1.68	0.160	0.30	0.86	62	829	49	15 162	-938.5	1 508.5	1975	95 12 - GPP
32	4.00	0.230	0.33	0.87	39	837	41	14 592	-952.9	1 594.8	1995	95 08 - GPP
64	0.81	0.150	0.45	0.89	49	823	38	14 356	-954.3	1 586.2	1995	95 11 - GPP
16	6.20	0.110	0.38	0.79	80	860	57	18 756	-1 005.7	2 027.5	1991	96 07
64	6.10	0.100	0.25	0.57	235	811	77	26 517	-1 505.6	2 634.9	1978	84 07 - ABAND 83 07
500	9.57	0.065	0.31	0.91	34	833	54	15 931	-903.2	1 557.1	1981	90 12 - GPP
141	7.30	0.070	0.28	0.88	34	875	54	14 456	-900.4	1 528.7	1990	92 12 - GPP
16	13.00	0.090	0.22	0.88	34	828	54	15 872	-895.5	1 546.5	1993	97 03 - GPP
1 106	3.06	0.190	0.36	0.88	37	832	43	16 395	-967.7	1 600.2	1983	97 05 - GPP
64	0.76	0.191	0.37	0.85	55	840	44	14 854	-962.4	1 609.0	1983	96 07 - GPP
745	2.69	0.190	0.32	0.89	36	860	40	16 223	-967.4	1 597.1	1984	94 08 - GPP
192	4.25	0.220	0.35	0.89	35	835	44	16 407	-969.9	1 571.1	1984	86 09 - GPP
32	3.07	0.183	0.44	0.86	49	829	40	16 015	-966.2	1 564.4	1986	91 12 - GPP
388	2.82	0.190	0.40	0.87	38	840	40	16 035	-962.2	1 577.7	1985	94 12 - GPP
64	5.16	0.161	0.43	0.90	34	834	43	15 752	-951.3	1 548.1	1984	87 11 - ABAND 89 04
64	2.73	0.146	0.47	0.86	34	830	43	13 376	-941.1	1 529.4	1985	87 10 - ABAND 89 03
32	3.59	0.170	0.50	0.89	66	831	39	16 197	-969.8	1 568.5	1985	96 05 - GPP
64	2.00	0.150	0.45	0.88	42	839	55	15 519	-968.0	1 629.6	1988	91 08 - ABAND 91 02
64	1.34	0.153	0.50	0.87	39	822	41	14 924	-972.7	1 623.4	1989	91 08 - ABAND 91 02
16	2.86	0.190	0.33	0.87	39	837	41	14 970	-971.7	1 602.3	1989	95 10 - ABAND 95 08
64	3.00	0.180	0.33	0.87	39	837	41	14 776	-961.9	1 604.1	1990	90 07 - GPP
32	4.49	0.140	0.42	0.87	39	837	41	15 479	-962.6	1 569.7	1990	96 05 - ABAND 96 03
128	2.27	0.200	0.40	0.87	39	837	41	15 084	-975.2	1 619.3	1990	93 05 - GPP
16	1.30	0.160	0.49	0.87	39	822	41	15 074	-959.1	1 564.1	1990	96 07 - ABAND 95 11
32	4.67	0.200	0.25	0.87	51	832	41	14 911	-968.4	1 599.8	1990	94 12 - GPP
64	1.05	0.150	0.49	0.93	22	824	39	15 110	-952.4	1 577.5	1989	95 06 - ABAND 94 07
32	1.00	0.150	0.25	0.87	51	832	41	13 654	-972.6	1 597.2	1991	96 07 - GPP
64	1.20	0.180	0.55	0.89	36	860	40	12 722	-966.7	1 608.4	1988	92 05 - GPP
64	2.89	0.150	0.43	0.89	36	860	40	15 122	-972.7	1 610.2	1989	92 05 - GPP
16	3.00	0.200	0.30	0.87	39	837	41	13 087	-969.8	1 616.7	1993	96 08 - GPP
32	4.30	0.200	0.43	0.88	37	832	43	16 398	-1 126.4	1 777.0	1994	95 02 - GPP
64	1.90	0.240	0.21	0.87	39	837	41	14 397	-954.3	1 580.0	1993	94 08 - GPP
79	5.00	0.170	0.51	0.89	49	823	38	11 950	-965.0	1 570.5	1994	97 09 - GPP
40	2.30	0.150	0.28	0.89	49	823	38	14 373	-956.4	1 589.0	1995	96 05 - GPP
150	0.50	0.180	0.44	0.89	49	823	38	12 930	-951.6	1 583.1	1995	97 12 - GPP
32	3.50	0.240	0.45	0.87	39	837	41	16 422	-971.9	1 581.0	1995	96 03 - GPP
32	5.10	0.190	0.50	0.87	39	837	41	11 269	-970.0	1 571.3	1995	96 03 - GPP
23	4.00	0.210	0.45	0.87	51	831	41	9 744	-970.5	1 570.6	1995	96 05 - GPP
16	5.50	0.200	0.43	0.87	39	837	41	10 420	-969.9	1 575.0	1996	96 06 - GPP
32	4.40	0.200	0.40	0.90	34	844	43	10 034	-968.0	1 569.3	1996	96 09 - GPP
64	3.20	0.220	0.35	0.87	51	831	41	10 534	-971.6	1 577.9	1995	96 09 - GPP
32	3.00	0.190	0.43	0.88	47	818	38	10 359	-966.2	1 569.7	1996	96 10 - GPP
32	3.30	0.180	0.52	0.88	47	818	38	9 299	-968.0	1 570.3	1996	97 03 - GPP
64	1.50	0.150	0.42	0.87	38	840	40		-960.9	1 566.5	1993	97 05 - GPP
64	2.50	0.210	0.29	0.79	38	840	40		-956.2	1 571.4	1992	97 05 - GPP
32	5.50	0.210	0.40	0.87	38	840	40		-964.6	1 575.8	1992	97 05 - GPP
64	1.10	0.120	0.45	0.87	38	840	40		-964.6	1 581.5	1989	97 05 - GPP
64	8.84	0.053	0.25	0.80	117	876	70	14 204	-1 113.7	1 835.2	1954	71 11 - ABAND 78 10
32	1.80	0.190	0.39	0.93	30	923	33	8 804	-20.0	887.8	1976	83 05 - ABAND 96 08
188	1.89	0.230	0.28	0.91	32	830	40	8 981	-40.8	931.6	1979	89 10

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
PANNY 096-06W5								
KEG RIVER A	739.0	0.30		222.0		222.0	181.1	40.9
KEG RIVER B	244.0	<0.06		12.3		12.3	12.3	
KEG RIVER C	1 416.0	0.20		283.0		283.0	270.9	12.1
KEG RIVER D	2 600.0	0.20		520.0		520.0	443.2	76.8
KEG RIVER E	122.0	0.40		48.8		48.8	40.8	8.0
KEG RIVER F	851.0	0.10		85.1		85.1	43.3	41.8
KEG RIVER G	350.0	0.17		59.5		59.5	52.3	7.2
KEG RIVER H	190.0	0.10		19.0		19.0	14.0	5.0
KEG RIVER I	239.0	<0.16		36.6		36.6	36.6	
KEG RIVER J	171.0	0.12		20.5		20.5	16.1	4.4
KEG RIVER K	99.7	<0.14		13.8		13.8	13.8	
KEG RIVER L	86.6	<0.04		2.9		2.9	2.9	
KEG RIVER M	88.4	0.20		17.7		17.7	10.4	7.3
KEG RIVER N	148.0	<0.01		0.2		0.2	0.2	
KEG RIVER O	46.2	0.10		4.6		4.6	1.3	3.3
KEG RIVER P	312.0	0.25		78.0		78.0	47.1	30.9
KEG RIVER Q	83.5	<0.15		12.3		12.3	12.3	
KEG RIVER R	651.0	0.10		65.1		65.1	41.3	23.8
KEG RIVER S	98.2	<0.02		1.4		1.4	1.4	
KEG RIVER T	229.0	<0.01		1.0		1.0	1.0	
KEG RIVER U	167.0	0.25		41.8		41.8	26.9	14.9
KEG RIVER V	726.0	0.05		36.3		36.3	14.2	22.1
KEG RIVER W	180.0	0.07		12.6		12.6	5.4	7.2
KEG RIVER X	173.0	<0.01		0.1		0.1	0.1	
KEG RIVER Y	436.0	0.10		43.6		43.6	31.8	11.8
KEG RIVER Z	410.0	0.15		61.5		61.5	20.4	41.1
KEG RIVER AA	235.0	<0.02		4.5		4.5	4.5	
KEG RIVER BB	123.0	<0.01		0.1		0.1	0.1	
KEG RIVER CC	357.0	0.10		35.7		35.7	15.6	20.1
KEG RIVER DD	259.0	0.15		38.9		38.9	16.2	22.7
KEG RIVER EE	73.9	0.15		11.1		11.1	2.7	8.4
KEG RIVER FF	79.8	0.15		12.0		12.0	8.2	3.8
KEG RIVER GG	54.3	<0.01		0.1		0.1	0.1	
KEG RIVER HH	90.9	0.10		9.1		9.1	1.0	8.1
FIELD TOTAL	12 129.5			1 811.2		1 811.2	1 389.5	421.7
PARFLESH 025-22W4								
UPPER MANNVILLE C	101.0	<0.01		0.3		0.3	0.3	
UPPER MANNVILLE D	328.0	0.10		32.8		32.8	19.2	13.6
UPPER MANNVILLE G WATER FLOOD	1 333.0	0.10	0.50	133.0	667.0	800.0	667.7	132.3
UPPER MANNVILLE H	34.4	<0.02		0.5		0.5	0.5	
LOWER MANNVILLE B	385.0	<0.02		4.3		4.3	4.3	
LOWER MANNVILLE D	52.7	<0.01		0.5		0.5	0.5	
FIELD TOTAL	2 234.1			171.4	667.0	838.4	692.5	145.9
PEARCE 009-24W4								
BANFF A	154.0	<0.04		5.0		5.0	5.0	
BANFF B	101.0	<0.02		1.2		1.2	1.2	
D-2 A	108.0	<0.09		9.7		9.7	9.7	
FIELD TOTAL	363.0			15.9		15.9	15.9	
PEARL 030-16W4								
BANFF A	61.2	0.22		13.5		13.5	11.5	2.0
FIELD TOTAL	61.2			13.5		13.5	11.5	2.0
PEAVEY 056-24W4								
MIDDLE VIKING A	529.0	0.25		132.0		132.0	113.6	18.4
MIDDLE VIKING B	52.0	<0.01		0.2		0.2	0.2	
BLAIRMORE TOTAL	1 898.0			249.0	57.2	306.0	288.3	17.7
PRIMARY AREA	1 262.0	0.10		126.0		126.0		
WATER FLOOD AREA	636.0	<0.20	0.09	123.0	57.2	180.0		
BLAIRMORE B	225.0	<0.01		0.9		0.9	0.9	
BLAIRMORE F	73.0	0.10		7.3		7.3	3.7	3.6
FIELD TOTAL	2 777.0			389.4	57.2	446.4	406.7	39.7

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
331	3.80	0.090	0.25	0.87	51	829	38	12 364	-645.0	1 175.7	1984	97 12 - GPP
64	5.90	0.080	0.07	0.87	63	831	38	11 620	-609.0	1 124.3	1984	94 06 - ABAND 94 03
256	11.50	0.070	0.21	0.87	51	829	38	13 105	-694.8	1 233.2	1984	94 12 - GPP
421	11.38	0.080	0.22	0.87	51	837	38	12 725	-672.0	1 231.2	1983	97 12 - GPP
100	3.45	0.059	0.32	0.88	51	829	38	12 298	-651.6	1 175.3	1984	89 12 - GPP
271	6.10	0.080	0.26	0.87	52	840	38	12 804	-649.3	1 178.9	1985	93 06 - GPP
64	11.99	0.069	0.24	0.87	51	829	38	12 403	-672.4	1 194.0	1985	91 12 - GPP
100	7.00	0.054	0.43	0.88	38	828	38	11 811	-699.8	1 265.9	1985	87 08 - GPP
32	14.17	0.072	0.16	0.87	52	830	38	11 793	-633.7	1 148.8	1986	96 07 - GPP
64	11.70	0.054	0.52	0.88	44	835	28	13 350	-770.2	1 277.2	1986	96 08 - GPP
48	7.86	0.049	0.38	0.87	52	834	38	13 220	-746.8	1 265.0	1985	95 05 - ABAND 95 03
64	3.00	0.073	0.29	0.87	52	845	38	13 154	-754.3	1 264.5	1986	95 08 - ABAND 95 05
32	10.80	0.042	0.30	0.87	47	834	37	13 153	-743.0	1 254.6	1985	91 12 - GPP
64	7.54	0.061	0.40	0.84	65	834	38	12 583	-765.5	1 258.2	1986	89 12 - ABAND 94 03
16	6.14	0.090	0.40	0.87	52	829	38	13 649	-739.6	1 271.0	1986	96 08 - GPP
128	6.50	0.060	0.28	0.87	52	825	38	12 824	-724.0	1 246.5	1986	88 05 - GPP
32	7.02	0.057	0.25	0.87	52	837	38	11 604	-660.4	1 181.8	1987	96 07 - ABAND 95 03
128	8.34	0.090	0.23	0.88	51	833	38	12 455	-709.9	1 241.7	1986	94 02 - GPP
32	7.84	0.075	0.40	0.87	51	829	38	11 814	-691.7	1 252.4	1987	95 11 - ABAND 94 03
64	8.78	0.067	0.30	0.87	52	836	38	11 410	-652.9	1 165.1	1987	89 12 - ABAND 94 03
32	10.60	0.081	0.30	0.87	51	829	38	12 295	-691.9	1 259.7	1987	91 12 - GPP
247	6.70	0.080	0.37	0.87	52	837	38	12 312	-644.4	1 177.3	1987	96 01 - GPP
64	10.30	0.056	0.44	0.87	52	829	38	12 477	-716.7	1 287.8	1987	96 08 - GPP
64	7.97	0.071	0.45	0.87	52	829	38	13 148	-691.5	1 194.0	1987	87 08 - ABAND 89 04
32	21.90	0.094	0.24	0.87	52	820	38	11 756	-630.1	1 149.2	1987	87 12 - GPP
64	11.60	0.090	0.27	0.84	51	840	38	12 110	-654.8	1 218.9	1986	96 08
32	16.50	0.080	0.36	0.87	52	837	38	11 569	-682.0	1 197.4	1988	94 07 - ABAND 94 02
64	6.70	0.060	0.45	0.87	52	829	38	13 226	-770.7	1 271.4	1988	88 09 - ABAND 89 12
64	12.00	0.080	0.34	0.88	51	829	38	13 625	-736.7	1 270.7	1988	92 06 - GPP
64	8.30	0.080	0.30	0.87	52	837	38	12 404	-664.2	1 194.0	1993	93 06 - GPP
32	5.42	0.070	0.30	0.87	52	837	38	9 336	-659.9	1 183.7	1993	93 06 - GPP
32	4.91	0.080	0.27	0.87	52	837	52	8 835	-648.7	1 183.7	1993	94 03 - GPP
32	3.75	0.080	0.35	0.87	52	837	38	11 763	-653.8	1 221.3	1993	95 05 - ABAND 95 03
32	6.88	0.070	0.33	0.88	51	829	38	12 642	-673.0	1 179.6	1985	94 02 - GPP
64	2.00	0.160	0.40	0.82	70	847	49	10 396	-591.6	1 493.3	1981	83 04
64	9.50	0.130	0.50	0.83	66	860	37	8 245	-556.0	1 442.3	1981	83 09 - GPP
262	4.16	0.210	0.29	0.82	56	858	45	10 563	-573.4	1 462.9	1963	97 12 - GPP
16	3.66	0.140	0.50	0.84	66	858	49	9 970	-573.9	1 462.4	1978	92 10 - ABAND 93 06
65	5.49	0.180	0.25	0.80	71	849	46	10 395	-586.9	1 493.7	1969	83 12 - GPP
16	7.00	0.140	0.60	0.84	67	857	43	10 768	-615.1	1 537.4	1980	96 07 - GPP
64	4.01	0.100	0.25	0.80	89	892	54	23 715	-1 263.0	2 210.9	1977	92 07 - ABAND 90 11
16	25.00	0.040	0.30	0.90	26	885	51	26 472	-1 227.5	2 179.5	1980	93 12 - GPP
64	4.64	0.070	0.20	0.65	186	829	51	19 976	-1 438.5	2 397.1	1977	92 10
64	2.13	0.060	0.15	0.88	51	894	38	9 310	-365.2	1 291.8	1976	97 12 - GPP
146	2.59	0.203	0.25	0.92	37	876	38	6 256	-163.8	873.0	1951	95 12 - GPP
64	1.30	0.170	0.60	0.92	32	876	32	6 116	-141.5	851.5	1987	92 10 - ABAND 94 04
400					35	876	43	8 369	-357.8	1 066.6	1951	97 12 - GPP
272	3.25	0.206	0.23	0.90								
128	3.48	0.206	0.23	0.90								
32	5.00	0.240	0.35	0.90	42	912	33	7 244	-374.1	1 074.2	1976	84 03
16	3.90	0.190	0.33	0.92	28	898	40	7 236	-373.1	1 075.1	1987	94 12

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
PECO 047-15W5								
BELLY RIVER D	50.6	0.07		3.5		3.5	3.3	0.2
BELLY RIVER E	314.0	0.05		15.7		15.7	8.0	7.7
BELLY RIVER L	38.4	<0.01		0.1		0.1	0.1	
BELLY RIVER P	99.1	0.02		2.0		2.0	0.1	1.9
BELLY RIVER Q	113.0	0.10		11.3		11.3	2.5	8.8
BELLY RIVER C,H,K & O	2 730.0	0.10		273.0		273.0	253.1	19.9
CARDIUM C	308.0	0.17		52.4		52.4	48.4	4.0
CARDIUM D	11.8	<0.10		1.1		1.1	1.1	
CARDIUM E	33.4	0.20		6.7		6.7	5.1	1.6
CARDIUM G	199.0	0.10		19.9		19.9	12.7	7.2
CARDIUM H	76.6	0.12		9.2		9.2	8.4	0.8
VIKING A	224.0	<0.02		2.9		2.9	2.9	
GETHING B	185.0	0.10		18.5		18.5	6.6	11.9
ELKTON-SHUNDA A	106.0	0.15		15.9		15.9	4.1	11.8
FIELD TOTAL	4 488.9			432.2		432.2	356.4	75.8
PEMBINA 048-07W5								
BELLY RIVER G	215.0	0.15		32.3		32.3	30.9	1.4
BELLY RIVER H	923.0	0.10		92.3		92.3	82.4	9.9
BELLY RIVER I TOTAL	14 980.0			979.0	510.0	1 489.0	1 344.7	144.3
PRIMARY AREA	9 879.0	<0.06		520.0		520.0		
WATER FLOOD AREA	5 100.0	0.09	0.10	459.0	510.0	969.0		
BELLY RIVER J TOTAL	2 317.0			222.0	117.0	339.0	327.7	11.3
PRIMARY AREA	1 419.0	0.08		114.0		114.0		
WATER FLOOD AREA	898.0	0.12	0.13	108.0	117.0	225.0		
BELLY RIVER P	203.0	0.05		10.2		10.2	1.9	8.3
BELLY RIVER AA	4 808.0	0.04		192.0		192.0	156.7	35.3
BELLY RIVER DD	2 429.0	0.05		121.0		121.0	51.9	69.1
BELLY RIVER EE	408.0	<0.01		3.2		3.2	3.2	
BELLY RIVER II	1 404.0	0.06		84.2		84.2	79.4	4.8
BELLY RIVER JJ	127.0	<0.06		7.1		7.1	6.7	0.4
BELLY RIVER MM	715.0	0.05		35.8		35.8	31.6	4.2
BELLY RIVER OO	317.0	<0.01		0.4		0.4	0.4	
BELLY RIVER RR	438.0	<0.01		4.1		4.1	4.1	
BELLY RIVER XX	224.0	<0.02		2.4		2.4	2.4	
BELLY RIVER FFF, GGG K2K & S2S TOTAL	14 700.0			995.0	851.0	1 846.0	1 090.5	755.5
PRIMARY AREA	2 538.0	0.07		178.0		178.0		
WATER FLOOD AREA	12 160.0	<0.07	0.07	817.0	851.0	1 668.0		
BELLY RIVER B2B & C2C	575.0	0.02		11.5		11.5	2.8	8.7
BELLY RIVER C & O TOTAL	84 000.0			8 985.0	9 579.0	18 560.0	15 293.4	3 266.6
PRIMARY AREA	15 260.0	0.09		1 374.0		1 374.0		
WATER FLOOD AREA	68 740.0	<0.12	0.14	7 611.0	9 579.0	17 190.0		
BELLY RIVER BBB	62.8	0.07		4.4		4.4	4.4	
BELLY RIVER DDD TOTAL	3 821.0			573.0	631.0	1 204.0	943.2	260.8
PRIMARY AREA	152.0	0.15		22.8		22.8		
WATER FLOOD AREA	3 669.0	0.15	0.17	550.0	631.0	1 181.0		
BELLY RIVER JJJ	73.1	<0.05		3.0		3.0	3.0	
BELLY RIVER MMM	350.0	<0.01		0.3		0.3	0.3	
BELLY RIVER NNN	54.1	<0.04		2.1		2.1	2.1	
BELLY RIVER RRR	315.0	0.03		9.5		9.5	6.3	3.2
BELLY RIVER TTT	780.0	0.06		46.8		46.8	39.8	7.0
BELLY RIVER VVV	239.0	<0.01		0.2		0.2	0.2	
BELLY RIVER WWW	125.0	<0.01		0.1		0.1	0.1	
BELLY RIVER XXX	191.0	<0.01		0.1		0.1	0.1	
BELLY RIVER A2A	875.0	0.05		43.8		43.8	37.0	6.8
BELLY RIVER E2E	72.2	<0.10		6.6		6.6	6.6	
BELLY RIVER G2G	130.0	0.10		13.0		13.0	3.7	9.3
BELLY RIVER M2M	181.0	0.10		18.1		18.1	5.4	12.7
BELLY RIVER N2N	121.0	<0.02		2.0		2.0	1.5	0.5
BELLY RIVER Q2Q	320.0	<0.01		1.8		1.8	1.8	
BELLY RIVER R2R	133.0	<0.01		0.1		0.1	0.1	
BELLY RIVER U2U	200.0	0.04		8.0		8.0	4.2	3.8
BELLY RIVER X2X	600.0	0.02		12.0		12.0	6.6	5.4
BELLY RIVER Z2Z	123.0	0.05		6.2		6.2	3.5	2.7
BELLY RIVER A3A	368.0	<0.01		1.0		1.0	1.0	
BELLY RIVER B3B	125.0	<0.06		6.7		6.7	6.7	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
16	5.20	0.120	0.35	0.78	90	799	50	11 976	-809.6	2 000.2	1984	96 12 - GPP
100	6.19	0.100	0.35	0.78	52	824	52	13 468	-953.0	2 205.5	1983	92 08
16	4.00	0.140	0.45	0.78	88	830	62	9 959	-825.1	1 997.8	1985	96 07 - ABAND 93 07
16	8.10	0.140	0.30	0.78	80	806	52	7 462	-603.0	1 794.8	1984	96 08
32	7.60	0.120	0.54	0.84	56	810	61	8 976	-705.9	1 896.3	1996	96 12 - GPP
595	9.05	0.100	0.35	0.78	80	806	52	12 792	-887.3	2 143.7	1983	95 05 - GPP
256	2.60	0.100	0.23	0.60	204	792	92	25 138	-1 291.5	2 465.9	1976	97 07 - GPP
16	1.40	0.110	0.20	0.60	200	791	74	25 145	-1 295.6	2 473.2	1981	96 07 - GPP
108	0.92	0.070	0.20	0.60	200	786	77	27 278	-1 321.0	2 481.9	1982	97 03
192	2.21	0.100	0.22	0.60	210	792	77	31 372	-1 334.6	2 484.7	1983	85 03 - GPP
64	1.90	0.150	0.30	0.60	210	788	77	26 232	-1 314.4	2 442.8	1986	96 12 - GPP
64	4.00	0.160	0.30	0.78	80	820	88	29 675	-1 583.6	2 690.9	1976	81 12 - ABAND 85 11
64	4.00	0.110	0.18	0.80	350	783	100	38 756	-1 905.0	3 034.8	1984	84 12 - GPP
64	3.20	0.080	0.22	0.83	220	804	100	24 449	-1 965.6	3 075.4	1995	95 10
75	3.05	0.150	0.30	0.89	35	834	42	6 989	-243.5	1 121.9	1955	92 12 - GPP
97	8.63	0.200	0.38	0.89	39	820	43	9 940	-508.4	1 372.8	1955	88 12 - GPP
6 335					65	834	37	7 909	-236.5	1 090.6	1954	94 12 - GPP
4 007	4.05	0.180	0.62	0.89								
2 328	4.01	0.186	0.67	0.89								
409					39	819	42	9 286	-361.9	1 280.3	1958	92 08 - GPP
253	5.59	0.200	0.43	0.88								
156	5.74	0.200	0.43	0.88								
64	4.60	0.160	0.50	0.86	45	857	41	6 570	-112.7	983.4	1955	89 04 - GPP
964	4.85	0.205	0.43	0.88	40	844	41	7 289	-154.1	975.4	1965	89 10 - GPP
502	4.99	0.190	0.42	0.88	40	844	43	7 486	-181.1	1 017.2	1957	94 09 - GPP
65	7.13	0.188	0.46	0.87	43	849	42	6 728	-145.7	1 047.3	1967	76 12 - ABAND 76 09
605	3.15	0.207	0.60	0.89	65	834	44	7 134	-216.0	1 036.2	1957	93 12 - GPP
32	4.32	0.190	0.45	0.88	40	844	36	6 534	-117.9	942.7	1967	97 05 - ABAND 96 06
154	6.10	0.140	0.39	0.89	40	829	42	10 125	-451.8	1 260.4	1968	77 12 - GPP
65	5.76	0.190	0.50	0.89	44	904	38	6 799	-122.4	973.4	1974	83 12
65	6.10	0.200	0.38	0.89	43	829	43	10 341	-423.3	1 296.9	1959	96 07 - GPP
64	4.92	0.200	0.60	0.89	62	839	31	6 833	-219.8	969.6	1978	82 12
2 378					45	841	32	6 782	-79.6	992.7	1970	97 03
828	3.61	0.180	0.47	0.89								
1 550	9.24	0.180	0.47	0.89								- GPP
128	5.60	0.160	0.43	0.88	40	840	50	7 195	-271.7	1 192.7	1985	89 12 - GPP
20 737					41	839	39	6 628	-119.9	1 024.0	1959	94 12 - GPP
6 401	2.66	0.190	0.47	0.89								
14 336	5.35	0.190	0.47	0.89								
32	2.00	0.190	0.42	0.89	46	846	22	7 300	-87.0	940.0	1978	96 07 - GPP
1 374					65	817	49	10 846	-511.7	1 447.8	1978	93 12 - GPP
96	2.20	0.136	0.33	0.79								
1 278	3.93	0.134	0.31	0.79								
16	4.70	0.170	0.35	0.88	50	854	41	7 852	-231.1	1 153.1	1979	96 07 - GPP
64	6.30	0.150	0.35	0.89	48	840	36	5 934	-45.7	867.2	1981	87 12 - ABAND 97 07
16	2.70	0.220	0.36	0.89	55	846	40	6 708	-79.4	995.7	1981	96 07 - GPP
32	8.30	0.212	0.35	0.86	52	862	41	5 852	-32.3	856.5	1982	97 12 - GPP
132	6.29	0.220	0.52	0.89	66	853	37	7 678	-218.0	1 042.1	1980	94 03 - GPP
64	4.60	0.140	0.30	0.83	65	845	52	7 781	-221.5	1 137.9	1983	86 12
32	4.40	0.180	0.45	0.90	52	857	41	6 611	-67.7	901.5	1983	84 03 - ABAND 84 07
64	3.00	0.150	0.20	0.83	65	848	52	7 516	-229.7	1 161.5	1983	86 12
473	3.02	0.130	0.38	0.76	65	849	52	9 678	-350.8	1 319.2	1978	96 08 - GPP
32	3.20	0.135	0.40	0.87	52	817	49	9 678	-351.0	1 277.9	1980	96 07 - GPP
32	4.40	0.180	0.40	0.85	67	839	36	6 206	-26.1	910.5	1984	86 07 - GPP
64	5.35	0.180	0.67	0.89	66	822	37	7 274	-281.9	1 110.0	1985	95 08 - GPP
64	1.99	0.178	0.40	0.89	90	885	44	6 641	-71.4	932.0	1985	96 12 - GPP
64	5.40	0.160	0.35	0.89	66	822	39	8 813	-162.6	1 056.8	1985	92 10
64	2.94	0.131	0.35	0.83	72	829	39	12 805	-514.2	1 441.3	1985	86 07 - ABAND 88 09
64	3.86	0.175	0.48	0.89	46	849	36	6 411	-70.6	963.9	1986	97 12 - GPP
64	9.86	0.178	0.40	0.89	39	834	43	10 128	-401.3	1 197.4	1959	96 08 - GPP
32	4.00	0.180	0.40	0.89	65	822	38	8 087	-218.5	1 068.0	1984	91 12 - GPP
64	5.50	0.180	0.30	0.83	75	813	32	9 031	-330.2	1 226.3	1976	87 04 - ABAND 90 02
32	5.00	0.180	0.38	0.70	150	791	50	13 832	-497.3	1 377.8	1979	96 07 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
PEMBINA 048-07W5 (CONTINUED)								
BELLY RIVER E3E	173.0	<0.01		0.3		0.3	0.3	
BELLY RIVER M3M	463.0	0.03		13.9		13.9	5.0	8.9
BELLY RIVER U3U	242.0	0.05		12.1		12.1	3.3	8.8
BELLY RIVER V3V	126.0	<0.01		0.8		0.8	0.8	
BELLY RIVER X3X	429.0	0.25		107.0		107.0	44.3	62.7
BELLY RIVER Y3Y	106.0	0.05		5.3		5.3	3.6	1.7
BELLY RIVER Z3Z	156.0	0.02		3.1		3.1	2.0	1.1
BELLY RIVER A4A	125.0	0.06		7.5		7.5	6.1	1.4
BELLY RIVER B4B	47.2	<0.01		0.1		0.1	0.1	
BELLY RIVER D4D	81.6	0.10		8.2		8.2	0.9	7.3
BELLY RIVER E4E	114.0	<0.01		0.1		0.1	0.1	
BELLY RIVER H4H	49.7	<0.01		0.3		0.3	0.3	
BELLY RIVER I4I	51.7	0.10		5.2		5.2	0.1	5.1
BELLY RIVER J4J	34.9	<0.01		0.1		0.1	0.1	
BELLY RIVER K4K	432.0	0.10		43.2		43.2	8.5	34.7
BELLY RIVER O4O	90.8	<0.01		0.3		0.3	0.3	
BELLY RIVER P4P	316.0	0.05		15.8		15.8	1.1	14.7
BELLY RIVER R4R	106.0	0.10		10.6		10.6	1.3	9.3
LEA PARK A	335.0	<0.18		60.0		60.0	45.0	15.0
COLORADO A	14.4	<0.01		0.1		0.1	0.1	
CARDIUM TOTAL	1 101 000.0			114 300.0	106 500.0	220 800.0	184 576.7	36 223.3
PRIMARY AREA	278 000.0	<0.09		23 800.0		23 800.0		
WATER FLOOD AREA	823 000.0	0.11	0.13	90 530.0	106 500.0	197 000.0		
CARDIUM B	636.0	<0.05		27.4		27.4	26.3	1.1
CARDIUM C	100.0	<0.03		2.5		2.5	2.5	
CARDIUM E	93.4	<0.07		6.1		6.1	6.1	
CARDIUM G	125.0	<0.01		0.2		0.2	0.2	
CARDIUM H	96.9	0.15		14.5		14.5	14.0	0.5
CARDIUM I	100.0	<0.11		10.1		10.1	10.1	
CARDIUM J	165.0	<0.02		1.9		1.9	1.9	
CARDIUM K	247.0	0.05		12.4		12.4	6.5	5.9
CARDIUM L WATER FLOOD	363.0	0.15	0.08	54.5	29.0	83.5	79.7	3.8
CARDIUM M	311.0	0.02		6.2		6.2	6.2	
CARDIUM N	240.0	0.03		7.2		7.2	7.0	0.2
CARDIUM O	24.7	<0.01		0.2		0.2	0.2	
CARDIUM P	386.0	0.05		19.3		19.3	17.8	1.5
CARDIUM Q	129.0	0.11		14.2		14.2	12.8	1.4
CARDIUM R	79.3	0.10		7.9		7.9	6.2	1.7
CARDIUM S	108.0	0.06		6.5		6.5	2.1	4.4
CARDIUM T	547.0	0.15		82.1		82.1	39.8	42.3
CARDIUM U	37.9	<0.01		0.3		0.3	0.3	
CARDIUM V	31.7	0.15		4.8		4.8	4.1	0.7
CARDIUM W	101.0	0.05		5.1		5.1	0.5	4.6
CARDIUM X	54.4	<0.02		1.0		1.0	1.0	
CARDIUM Y	32.3	<0.01		0.1		0.1	0.1	
SECOND WHITE SPECKS A	100.0	0.10		10.0		10.0	4.7	5.3
SECOND WHITE SPECKS B	128.0	0.10		12.8		12.8	9.9	2.9
SECOND WHITE SPECKS C	140.0	<0.01		0.3		0.3	0.3	
VIKING B	834.0	0.15		125.0		125.0	121.6	3.4
VIKING D	213.0	<0.01		0.1		0.1	0.1	
VIKING E	5.6	0.05		0.3		0.3	0.3	
VIKING F	52.2	0.20		10.4		10.4	8.4	2.0
VIKING G	156.0	0.10		15.6		15.6	9.8	5.8
VIKING H	76.3	0.05		3.8		3.8	0.4	3.4
VIKING I	19.5	<0.09		1.6		1.6	1.6	
VIKING K	7.6	<0.03		0.2		0.2	0.2	
GLAUCONITIC J	55.3	0.15		8.3		8.3	7.2	1.1
GLAUCONITIC K	79.4	<0.01		0.2		0.2	0.2	
GLAUCONITIC N	256.0	<0.01		0.1		0.1	0.1	
GLAUCONITIC P	1 103.0	0.08		88.2		88.2	81.8	6.4
GLAUCONITIC Q	164.0	<0.01		0.1		0.1	0.1	
GLAUCONITIC R	1 629.0	0.20		326.0		326.0	290.1	35.9
GLAUCONITIC T	608.0	<0.01		0.9		0.9	0.9	
GLAUCONITIC Y	152.0	0.10		15.2		15.2	8.7	6.5
GLAUCONITIC Z	130.0	0.05		6.5		6.5	2.1	4.4
GLAUCONITIC BB	326.0	0.04		13.0		13.0	6.5	6.5
GLAUCONITIC CC	170.0	<0.01		1.2		1.2	1.2	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
64	6.90	0.150	0.70	0.87	49	840	40	10 870	-340.0	1 256.2	1987	92 10 - ABAND 94 05
128	5.65	0.150	0.52	0.89	65	823	38	9 365	-386.1	1 173.5	1989	96 08 - GPP
64	3.90	0.180	0.38	0.87	130	827	42	7 978	-299.8	1 218.8	1957	92 10
32	6.81	0.110	0.41	0.89	39	840	39	9 744	-359.2	1 337.4	1954	96 12 - ABAND 95 10
415	2.00	0.120	0.51	0.88	70	835	53	9 962	-445.5	1 345.9	1993	96 07
32	3.90	0.180	0.47	0.89	65	822	38	7 481	-225.7	1 074.3	1958	96 12 - GPP
16	11.50	0.190	0.50	0.89	66	853	37	6 683	-218.8	1 048.9	1993	97 12 - GPP
32	4.20	0.190	0.45	0.89	66	853	37	6 647	-209.9	1 044.5	1985	97 12 - GPP
16	4.60	0.160	0.55	0.89	65	822	38	6 717	-219.5	1 053.3	1993	96 07 - GPP
32	3.35	0.190	0.55	0.89	65	822	38	6 685	-206.2	1 045.3	1961	94 06 - GPP
16	7.35	0.190	0.37	0.81	35	836	41	4 843	-71.3	881.8	1993	94 12 - ABAND 94 09
16	4.90	0.120	0.40	0.88	39	846	44	12 114	-328.0	1 236.9	1956	96 07 - GPP
32	1.50	0.220	0.45	0.89	65	822	38	6 415	-147.4	978.0	1973	95 04 - GPP
16	3.40	0.180	0.60	0.89	65	822	38	7 277	-282.3	1 153.4	1958	96 07 - GPP
64	7.00	0.190	0.43	0.89	50	849	36	6 781	-89.8	953.1	1994	95 04
16	6.10	0.190	0.45	0.89	65	822	38	6 440	-144.2	994.6	1957	97 12 - ABAND 96 04
64	5.04	0.200	0.45	0.89	65	822	38	5 176	-146.7	997.9	1957	96 08
16	6.00	0.180	0.31	0.89	65	822	38		-335.6	1 294.0	1995	97 04 - GPP
83	4.20	0.150	0.20	0.80	166	798	52	15 499	-477.5	1 447.4	1985	90 08 - GPP
16	4.00	0.050	0.50	0.90	39	843	46	9 490	-309.8	1 127.0	1994	96 07 - ABAND 97 06
191 651					96	834	46	20 391	-662.5	1 540.5	1953	91 12 - GPP
49 291	6.77	0.121	0.15	0.81								
142 360	6.10	0.130	0.10	0.81								
194	4.05	0.116	0.15	0.82	96	834	60	15 874	-462.4	1 215.4	1963	96 12 - GPP
16	7.01	0.130	0.15	0.81	82	834	44	10 344	-508.4	1 339.0	1973	95 06 - ABAND 93 04
32	2.70	0.150	0.11	0.81	83	834	53	8 277	-862.0	1 840.1	1978	96 07 - GPP
64	2.81	0.101	0.15	0.81	80	834	56	16 955	-732.0	1 620.8	1981	87 12 - ABAND 97 07
64	2.00	0.110	0.15	0.81	80	840	40	15 779	-449.7	1 226.4	1982	86 12 - GPP
20	5.60	0.120	0.20	0.93	28	873	38	14 450	-372.2	1 132.2	1983	95 10 - ABAND 95 07
64	3.40	0.110	0.15	0.81	80	834	50	17 348	-837.1	1 839.9	1983	96 12 - ABAND 93 10
64	4.88	0.115	0.15	0.81	80	834	50	19 163	-804.7	1 763.3	1984	96 08 - GPP
38	7.63	0.160	0.15	0.92	55	835	44	17 790	-587.6	1 463.9	1984	93 10 - GPP
64	5.70	0.110	0.10	0.86	53	845	58	19 492	-784.9	1 744.6	1983	87 12 - GPP
64	4.20	0.125	0.15	0.84	61	856	56	17 478	-804.1	1 761.0	1984	87 12 - GPP
64	0.40	0.140	0.15	0.81	125	830	56	17 059	-748.8	1 672.8	1984	84 08 - ABAND 91 08
128	3.75	0.110	0.15	0.86	55	835	44	20 664	-699.5	1 670.5	1986	91 12 - GPP
64	2.00	0.140	0.15	0.85	57	875	51	16 143	-429.3	1 195.9	1987	97 12 - GPP
64	1.20	0.150	0.15	0.81	84	865	45	15 496	-414.7	1 367.9	1985	86 01 - GPP
32	3.60	0.130	0.15	0.85	78	833	49	19 545	-544.0	1 429.0	1983	96 08 - GPP
359	2.70	0.080	0.15	0.83	65	846	55	19 586	-548.4	1 464.3	1989	90 05
32	2.10	0.080	0.15	0.83	65	846	55	19 452	-532.6	1 409.5	1979	96 03 - ABAND 95 12
64	0.62	0.100		0.80	80	831	54	9 783	-527.4	1 440.4	1991	92 05 - GPP
64	2.50	0.110	0.30	0.82	76	843	52	9 851	-575.3	1 487.3	1991	92 10 - GPP
16	4.90	0.120	0.15	0.68	150	796	60	17 477	-918.4	1 814.5	1976	96 07 - GPP
16	2.50	0.120	0.20	0.84	62	847	49	13 925	-515.4	1 355.0	1993	96 07 - GPP
64	2.00	0.140	0.30	0.80	85	870	60	18 869	-912.2	1 799.0	1984	84 09 - GPP
32	4.30	0.180	0.27	0.71	135	838	53	21 812	-916.4	1 716.7	1985	97 12 - GPP
32	8.50	0.080	0.25	0.86	121	864	60	19 163	-962.1	1 935.3	1991	94 09 - ABAND 94 06
1 999	1.42	0.060	0.28	0.68	156	810	65	18 894	-995.1	1 939.8	1982	94 12 - GPP
64	5.20	0.160	0.55	0.89	40	830	40	10 758	-766.7	1 583.0	1983	89 12
64	0.23	0.074	0.26	0.69	136	810	74	17 491	-1 040.4	1 984.8	1984	86 08 - ABAND 86 02
64	1.35	0.120	0.26	0.68	150	810	74	17 764	-1 033.5	1 989.9	1983	95 12 - GPP
64	5.80	0.090	0.40	0.78	60	768	58	10 880	-856.1	1 731.6	1985	96 12
64	1.40	0.150	0.20	0.71	150	810	82	17 551	-1 037.9	1 980.2	1986	88 02 - GPP
32	1.60	0.080	0.30	0.68	149	832	55	11 270	-893.5	1 742.6	1987	96 07 - GPP
16	1.00	0.100	0.30	0.68	149	826	82	16 891	-1 083.7	1 891.5	1990	96 07 - ABAND 96 01
64	1.50	0.120	0.40	0.80	90	876	48	14 126	-806.1	1 630.5	1981	89 12 - GPP
16	9.40	0.110	0.40	0.80	88	829	64	13 153	-1 048.2	1 890.8	1981	92 12
64	8.00	0.120	0.48	0.80	85	889	68	13 015	-792.6	1 602.5	1980	84 12
392	5.79	0.116	0.41	0.71	110	871	66	12 137	-759.3	1 560.9	1982	92 12 - GPP
64	4.10	0.130	0.40	0.80	85	860	56	12 909	-1 026.4	1 870.9	1984	88 12 - ABAND 97 07
484	4.61	0.120	0.23	0.79	92	850	52	13 105	-797.4	1 609.5	1984	89 09 - GPP
128	9.81	0.110	0.45	0.80	85	877	65	12 423	-975.6	1 777.3	1985	95 04 - ABAND 95 01
64	3.20	0.130	0.26	0.77	95	866	62	12 527	-811.4	1 643.0	1986	87 04 - GPP
120	1.50	0.120	0.25	0.80	92	850	52	13 230	-798.0	1 609.4	1985	92 12 - GPP
64	8.48	0.100	0.25	0.80	75	868	57	12 546	-811.6	1 675.0	1986	96 08 - GPP
32	9.00	0.120	0.36	0.77	95	866	62	13 677	-782.6	1 552.7	1988	94 11 - ABAND 93 11

TABLE 2-6

FIELD POOL	1	2	3	4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
PEMBINA 048-07W5 (CONTINUED)								
GLAUCONITIC DD	174.0	0.10		17.4		17.4	2.9	14.5
GLAUCONITIC EE	262.0	0.05		13.1		13.1	2.3	10.8
GLAUCONITIC FF	62.1	0.10		6.2		6.2	2.7	3.5
GLAUCONITIC GG	36.8	0.20		7.4		7.4	6.3	1.1
GLAUCONITIC II	91.6	0.10		9.2		9.2	5.4	3.8
GLAUCONITIC KK	96.1	0.15		14.4		14.4	2.9	11.5
GLAUCONITIC OO	291.0	0.10		29.1		29.1	3.4	25.7
GLAUCONITIC RR	115.0	0.03		3.5		3.5	0.2	3.3
GLAUCONITIC TT	102.0	0.10		10.2		10.2	1.1	9.1
GLAUCONITIC F,L & M	126.0	0.10		12.6		12.6	5.9	6.7
OSTRACOD D	239.0	<0.04		8.4		8.4	8.4	
OSTRACOD E TOTAL	3 567.0			548.0	790.0	1 338.0	1 299.8	38.2
PRIMARY AREA	132.0	0.25		33.0		33.0		
WATER FLOOD AREA	3 435.0	0.15	0.23	515.0	790.0	1 305.0		
OSTRACOD F	185.0	0.20		37.0		37.0	29.0	8.0
OSTRACOD G TOTAL	437.0			76.6	24.0	101.0	97.3	3.7
PRIMARY AREA	36.5	<0.13		4.6		4.6		
GAS FLOOD AREA	400.0	0.18	0.06	72.0	24.0	96.0		
OSTRACOD H	23.4	<0.01		0.2		0.2	0.2	
OSTRACOD K	351.0	<0.06		19.1		19.1	19.1	
OSTRACOD M	103.0	<0.01		0.8		0.8	0.8	
OSTRACOD N	37.1	<0.01		0.1		0.1	0.1	
OSTRACOD O	46.0	<0.01		0.3		0.3	0.3	
OSTRACOD P	97.9	<0.09		8.4		8.4	8.4	
OSTRACOD Q	73.3	0.15		11.0		11.0	3.0	8.0
OSTRACOD R	142.0	0.10		14.2		14.2	3.8	10.4
OSTRACOD W	41.9	0.10		4.2		4.2	1.0	3.2
OSTRACOD Y	81.7	0.10		8.2		8.2	0.8	7.4
OSTRACOD V & JURASSIC I	92.4	0.10		9.2		9.2	1.7	7.5
ELLERSLIE A	841.0	0.26		219.0		219.0	208.4	10.6
ELLERSLIE D	155.0	0.10		15.5		15.5	2.4	13.1
ELLERSLIE I	129.0	<0.04		5.0		5.0	5.0	
ELLERSLIE L	266.0	<0.01		0.2		0.2	0.2	
ELLERSLIE N	28.2	<0.01		0.2		0.2	0.2	
ELLERSLIE O	246.0	<0.01		0.1		0.1	0.1	
ELLERSLIE P	17.9	<0.01		0.1		0.1	0.1	
ELLERSLIE R	285.0	0.04		11.4		11.4	7.6	3.8
ELLERSLIE T	30.9	0.25		7.7		7.7	2.9	4.8
ELLERSLIE V	41.3	0.15		6.2		6.2	5.0	1.2
ELLERSLIE W	45.6	<0.02		0.8		0.8	0.8	
ELLERSLIE X	33.7	<0.01		0.1		0.1	0.1	
ELLERSLIE GG	190.0	0.15		28.5		28.5	6.5	22.0
ELLERSLIE HH	18.5	0.25		4.6		4.6	3.3	1.3
ELLERSLIE LL	146.0	0.10		14.6		14.6	3.4	11.2
ELLERSLIE MM	65.7	0.10		6.6		6.6	1.1	5.5
ELLERSLIE F, JURASSIC C & D	227.0	<0.01		0.2		0.2	0.2	
ELLERSLIE G,K,M & JURASSIC E	3 406.0	0.04		136.0		136.0	116.8	19.2
ELLERSLIE EE & JURASSIC HHH	68.4	0.05		3.4		3.4	0.2	3.2
ELLERSLIE CC & JURASSIC FFF	638.0	0.10		63.8		63.8	19.7	44.1
JURASSIC A	690.0	0.03		20.7		20.7	19.3	1.4
JURASSIC B	242.0	0.10		24.2		24.2	17.8	6.4
JURASSIC F	438.0	0.02		8.8		8.8	4.3	4.5
JURASSIC G	95.7	0.10		9.6		9.6	1.8	7.8
JURASSIC H	296.0	<0.01		0.2		0.2	0.2	
JURASSIC J	408.0	0.04		16.3		16.3	10.6	5.7
JURASSIC K	300.0	0.10		30.0		30.0	22.6	7.4
JURASSIC L	76.8	<0.01		0.1		0.1	0.1	
JURASSIC M	209.0	<0.01		0.9		0.9	0.9	
JURASSIC N	556.0	0.05		27.8		27.8	19.7	8.1
JURASSIC O	45.0	<0.02		0.5		0.5	0.5	
JURASSIC Q	396.0	0.03		11.9		11.9	9.5	2.4
JURASSIC R	949.0	0.10		94.9		94.9	70.4	24.5
JURASSIC S	106.0	0.06		6.4		6.4	2.0	4.4
JURASSIC T	185.0	0.10		18.5		18.5	8.0	10.5
JURASSIC U	94.7	<0.01		0.1		0.1	0.1	
JURASSIC V	167.0	0.10		16.7		16.7	15.0	1.7

LIGHT-MEDIUM CRUDE OIL POOLS

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
64	5.20	0.100	0.32	0.77	95	866	62	12 090	-802.7	1 639.2	1987	88 08 - GPP
64	6.44	0.103	0.20	0.77	95	866	62	13 766	-794.9	1 614.0	1987	96 08 - GPP
64	1.80	0.110	0.29	0.69	140	856	64	18 772	-959.0	1 834.5	1981	89 02 - GPP
64	1.01	0.100	0.28	0.79	92	850	52	12 650	-802.0	1 628.5	1987	93 12 - GPP
64	2.10	0.112	0.21	0.77	95	866	62	12 877	-790.3	1 594.0	1987	89 10
64	2.20	0.110	0.27	0.85	62	861	61	13 595	-771.3	1 556.9	1990	91 05 - GPP
32	9.20	0.140	0.15	0.83	100	863	65	13 966	-1 149.9	2 043.5	1994	95 08 - GPP
64	3.25	0.130	0.50	0.85	67	892	49	13 496	-898.7	1 668.2	1994	96 12
16	7.50	0.140	0.21	0.77	95	867	62		-761.2	1 549.5	1996	97 09
64	2.63	0.120	0.21	0.79	75	876	60	12 670	-811.8	1 629.1	1980	89 09 - GPP
336	1.83	0.090	0.40	0.72	160	839	49	19 191	-955.1	1 738.1	1975	96 07
3 257					123	840	57	15 998	-812.2	1 611.0	1979	94 12
128	1.10	0.160	0.22	0.75								
3 129	1.22	0.160	0.25	0.75								- GPP
64	3.98	0.120	0.16	0.72	140	840	64	15 856	-791.7	1 579.8	1980	97 12 - GPP
1 034					105	810	57	15 158	-945.8	1 740.8	1979	96 05 - GPP
64	1.10	0.100	0.27	0.71								
970	0.83	0.100	0.30	0.71								
64	0.70	0.110	0.34	0.72	140	840	48	14 086	-811.0	1 626.2	1981	82 08 - GPP
64	5.80	0.150	0.16	0.75	109	888	64	13 347	-800.4	1 591.1	1982	96 07 - GPP
64	2.80	0.150	0.50	0.77	99	910	60	6 898	-867.9	1 665.8	1984	88 12 - ABAND 89 08
64	1.10	0.120	0.43	0.77	99	879	60	16 830	-931.2	1 673.4	1984	85 06 - ABAND 85 07
64	1.60	0.110	0.44	0.73	120	793	58	14 073	-809.0	1 620.8	1980	85 08 - ABAND 90 03
64	1.50	0.150	0.15	0.80	82	860	62	14 429	-981.8	1 857.8	1990	95 11 - ABAND 95 08
64	1.50	0.140	0.38	0.88	82	859	62	14 914	-926.8	1 725.9	1990	92 02 - GPP
64	3.30	0.130	0.40	0.86	100	903	47	14 855	-920.5	1 725.5	1991	92 02 - GPP
16	3.20	0.140	0.27	0.80	82	859	62	15 795	-1 131.3	2 009.4	1995	96 07 - GPP
32	2.50	0.140	0.11	0.82	67	820	63		-1 427.2	2 441.3	1978	97 06
64	2.10	0.100	0.21	0.87	60	875	63	17 090	-1 244.2	2 197.1	1994	95 09 - GPP
350	2.90	0.140	0.20	0.74	115	865	69	15 684	-927.9	1 776.7	1957	95 12
64	4.80	0.090	0.30	0.80	99	832	46	17 873	-1 363.3	2 323.3	1978	95 12
64	2.80	0.130	0.25	0.74	116	863	67	15 307	-812.5	1 563.6	1983	92 07 - ABAND 92 05
64	6.90	0.134	0.40	0.75	110	860	60	16 966	-1 206.3	2 075.9	1984	85 01 - ABAND 85 09
64	1.20	0.070	0.30	0.75	115	855	60	21 200	-1 365.0	2 243.3	1985	89 12
64	6.10	0.129	0.34	0.74	110	870	55	16 050	-917.3	1 688.1	1987	88 01 - ABAND 88 05
16	1.40	0.130	0.24	0.81	75	895	64	17 678	-852.0	1 766.9	1988	92 10
64	7.60	0.120	0.34	0.74	116	864	67	17 207	-1 215.4	2 136.2	1990	96 08
43	0.84	0.150	0.23	0.74	116	864	67	15 771	-942.9	1 772.6	1976	92 12 - GPP
32	1.32	0.150	0.12	0.74	98	857	67	13 537	-942.7	1 782.9	1957	93 05 - GPP
16	4.00	0.130	0.27	0.75	120	900	52	14 458	-759.2	1 558.0	1980	96 07 - ABAND 97 11
32	1.80	0.100	0.21	0.74	116	864	67	14 943	-944.3	1 788.8	1993	95 08 - ABAND 95 05
64	4.25	0.150	0.37	0.74	116	864	67	15 706	-918.2	1 746.2	1995	96 10
64	2.00	0.030	0.35	0.74	116	864	67	16 488	-1 047.1	1 906.0	1994	97 12
64	2.00	0.170	0.17	0.81	89	873	50	15 988	-867.8	1 779.6	1995	97 06 - GPP
32	3.40	0.120	0.32	0.74	115	864	67	14 237	-1 043.8	1 867.6	1995	96 10 - GPP
64	6.13	0.120	0.30	0.69	155	850	50	14 994	-1 263.9	2 130.5	1981	83 03 - ABAND 95 07
1 100	4.90	0.140	0.39	0.74	99	870	60	15 760	-943.3	1 707.7	1982	94 12 - GPP
16	5.50	0.140	0.25	0.74	105	815	70	17 573	-1 164.2	2 023.2	1995	95 10
192	4.27	0.140	0.33	0.83	100	863	65	18 526	-1 174.9	2 041.8	1994	96 05 - GPP
64	17.50	0.110	0.30	0.80	91	870	37	19 645	-1 339.0	2 298.8	1979	93 12 - GPP
64	5.20	0.130	0.30	0.80	80	848	78	19 659	-1 356.9	2 277.1	1980	82 11 - GPP
128	6.09	0.090	0.22	0.80	176	830	79	16 604	-1 413.6	2 383.6	1982	86 12 - GPP
64	4.00	0.085	0.45	0.80	83	896	70	13 349	-1 193.2	2 082.0	1982	83 11 - GPP
64	7.40	0.120	0.35	0.80	90	895	51	11 142	-964.6	1 753.2	1978	92 10
303	2.49	0.130	0.48	0.80	92	865	50	15 701	-932.7	1 736.7	1983	96 08
64	5.25	0.162	0.31	0.80	176	826	79	20 098	-1 299.4	2 263.3	1985	85 11 - GPP
64	2.00	0.150	0.50	0.80	80	860	60	16 936	-1 145.2	1 958.5	1984	85 01 - ABAND 92 12
64	4.50	0.145	0.41	0.85	92	895	55	15 989	-980.5	1 770.8	1985	86 05 - ABAND 87 09
315	2.83	0.130	0.40	0.80	90	885	44	15 823	-997.0	1 795.1	1986	92 08 - GPP
16	7.50	0.086	0.34	0.66	176	828	79	20 102	-1 330.8	2 273.3	1985	96 07 - GPP
128	7.00	0.100	0.33	0.66	176	828	79	18 173	-1 318.8	2 288.5	1985	93 11 - GPP
326	3.37	0.180	0.40	0.80	90	871	60	15 898	-1 004.3	1 794.5	1986	88 03 - GPP
32	6.72	0.087	0.29	0.80	176	828	79	22 126	-1 335.9	2 264.0	1987	96 08
64	2.70	0.180	0.15	0.70	140	810	79	17 422	-1 476.3	2 490.4	1978	80 11 - GPP
64	2.30	0.130	0.25	0.66	176	828	79	17 422	-1 477.8	2 454.7	1986	88 09 - ABAND 89 07
64	5.50	0.120	0.40	0.66	176	828	79	17 296	-1 458.4	2 512.8	1981	88 11 - GPP

TABLE 2-6

	1	2	3	4	5	6	7	8
FIELD POOL	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	$10^3 m^3$	frac	frac	$10^3 m^3$	$10^3 m^3$	$10^3 m^3$	$10^3 m^3$	$10^3 m^3$
PEMBINA 048-07W5 (CONTINUED)								
JURASSIC Y	89.9	<0.02		1.1		1.1	1.1	
JURASSIC Z	165.0	0.05		8.3		8.3	6.4	1.9
JURASSIC CC	423.0	0.03		12.7		12.7	12.1	0.6
JURASSIC FF	401.0	0.15		60.2		60.2	40.3	19.9
JURASSIC KK	289.0	0.07		20.2		20.2	4.6	15.6
JURASSIC NN	161.0	0.07		11.3		11.3	4.6	6.7
JURASSIC PP	84.9	0.10		8.5		8.5	3.6	4.9
JURASSIC QQ	36.4	0.16		5.8		5.8	3.8	2.0
JURASSIC RR	89.4	0.10		8.9		8.9	1.2	7.7
JURASSIC VV	178.0	0.10		17.8		17.8	1.7	16.1
JURASSIC XX	86.5	0.05		4.3		4.3	1.1	3.2
JURASSIC LLL	73.6	0.10		7.4		7.4	0.3	7.1
PEKISKO A	118.0	<0.12		13.8		13.8	13.8	
PEKISKO B	98.6	<0.02		1.6		1.6	1.6	
PEKISKO C	930.0	0.30		279.0		279.0	15.1	263.9
PEKISKO D	161.0	0.05		8.1		8.1	0.2	7.9
BANFF A	176.0	<0.01		0.6		0.6	0.6	
BANFF B	131.0	<0.01		0.1		0.1	0.1	
BANFF C	104.0	<0.01		0.1		0.1	0.1	
BANFF H	98.3	<0.01		0.1		0.1	0.1	
BANFF L	97.1	0.10		9.7		9.7	2.5	7.2
BLUERIDGE A	575.0	<0.09		50.3		50.3	50.3	
BLUERIDGE B	364.0	<0.01		1.3		1.3	1.3	
BLUERIDGE C	199.0	<0.02		2.8		2.8	2.8	
BLUERIDGE D	410.0	0.15		61.5		61.5	42.8	18.7
NISKU A SOLVENT FLOOD	3 000.0	0.40	0.38	1 200.0	1 140.0	2 340.0	2 311.7	28.3
NISKU B WATER FLOOD	121.0	0.30	0.20	36.3	24.2	60.5	37.9	22.6
NISKU C WATER FLOOD	1 500.0	0.30	0.30	450.0	450.0	900.0	886.1	13.9
NISKU D SOLVENT FLOOD	5 000.0	0.40	0.40	2 000.0	2 000.0	4 000.0	3 749.3	250.7
NISKU E TOTAL	912.0			182.0	175.0	357.0	284.0	73.0
PRIMARY AREA	212.0	0.20		42.4		42.4		
WATER FLOOD AREA	700.0	0.20	0.25	140.0	175.0	315.0		
NISKU F SOLVENT FLOOD	2 100.0	0.35	0.26	735.0	565.0	1 300.0	887.0	413.0
NISKU G SOLVENT FLOOD	2 650.0	0.40	0.40	1 060.0	1 060.0	2 120.0	2 074.1	45.9
NISKU H WATER FLOOD	450.0	0.23	0.22	104.0	99.0	203.0	151.6	51.4
NISKU I WATER FLOOD	750.0	0.20	0.30	150.0	225.0	375.0	355.9	19.1
NISKU J WATER FLOOD	1 200.0	0.35	0.12	420.0	144.0	564.0	496.6	67.4
NISKU K SOLVENT FLOOD	2 600.0	0.40	0.45	1 040.0	1 170.0	2 210.0	2 175.7	34.3
NISKU L SOLVENT FLOOD	5 000.0	0.25	0.57	1 250.0	2 850.0	4 100.0	3 805.6	294.4
NISKU M SOLVENT FLOOD	3 000.0	0.40	0.40	1 200.0	1 200.0	2 400.0	2 172.9	227.1
NISKU N WATER FLOOD	1 600.0	0.35	0.17	560.0	272.0	832.0	756.8	75.2
NISKU O SOLVENT FLOOD	1 900.0	0.40	0.36	760.0	684.0	1 444.0	1 295.1	148.9
NISKU P SOLVENT FLOOD	4 250.0	0.40	0.38	1 700.0	1 615.0	3 315.0	3 270.1	44.9
NISKU Q SOLVENT FLOOD	2 800.0	0.40	0.43	1 120.0	1 230.0	2 350.0	1 722.1	627.9
NISKU R WATER FLOOD	450.0	0.30	0.25	135.0	113.0	248.0	225.7	22.3
NISKU S WATER FLOOD	830.0	0.40	0.20	332.0	166.0	498.0	447.2	50.8
NISKU T WATER FLOOD	800.0	0.10	0.10	80.0	80.0	160.0	98.0	62.0
NISKU U	72.5	0.10		7.3		7.3	4.9	2.4
NISKU V	41.8	<0.06		2.3		2.3	2.3	
NISKU W	40.7	<0.05		1.9		1.9	1.9	
NISKU X	90.8	0.20		18.2		18.2	8.1	10.1
NISKU Z	369.0	0.40		148.0		148.0	46.9	101.1
NISKU AA	269.0	0.15		40.4		40.4	4.6	35.8
FIELD TOTAL	1 319 293.2			145 062.9	134 293.2	279 352.5	234 667.7	44 684.8
PENDANT D'OREILLE 003-08W4								
MANNVILLE F	170.0	<0.01		0.2		0.2	0.2	
FIELD TOTAL *	170.0			0.2		0.2	0.2	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
16	6.00	0.180	0.35	0.80	77	895	63	16 772	-1 053.3	1 920.3	1989	96 07
32	9.30	0.100	0.25	0.74	120	829	78	16 819	-1 295.2	2 219.8	1989	96 08 - GPP
64	14.00	0.090	0.30	0.75	99	832	46	18 058	-1 370.4	2 319.5	1980	84 12 - GPP
128	4.14	0.140	0.27	0.74	120	829	78	16 805	-1 291.9	2 252.2	1990	91 10 - GPP
64	6.80	0.130	0.31	0.74	120	739	78	19 301	-1 376.2	2 349.1	1991	96 08 - GPP
64	5.67	0.080	0.29	0.78	92	853	77	17 962	-1 358.5	2 311.5	1991	96 08 - GPP
32	6.40	0.080	0.30	0.74	120	829	78	17 607	-1 376.9	2 338.0	1991	93 01
100	1.02	0.090	0.40	0.66	176	828	79	20 726	-1 457.5	2 476.3	1988	97 12 - GPP
64	3.22	0.090	0.27	0.66	176	828	79	19 245	-1 469.8	2 455.8	1988	93 06 - GPP
64	5.60	0.100	0.33	0.74	120	828	78	16 306	-1 249.7	2 146.7	1993	94 04
16	5.20	0.210	0.45	0.90	74	933	60	15 228	-988.9	1 767.3	1994	97 12
64	2.40	0.090	0.25	0.71	150	844	58	20 552	-1 310.1	2 117.9	1996	96 07
65	1.83	0.150	0.20	0.83	53	910	88	19 404	-1 054.9	1 868.4	1960	64 04 - ABAND 74 06
32	6.10	0.094	0.36	0.84	61	915	65	14 581	-1 084.6	1 910.4	1986	87 05 - ABAND 89 12
286	3.33	0.140	0.17	0.84	61	915	65	16 827	-1 183.7	1 958.2	1996	97 12
64	4.00	0.110	0.32	0.84	61	915	65	16 759	-1 176.6	2 008.0	1996	97 03
16	10.00	0.200	0.32	0.81	75	880	60	17 154	-837.4	1 641.0	1981	96 12 - ABAND 83 01
16	9.00	0.150	0.25	0.81	88	866	32	18 780	-817.6	1 585.4	1983	92 11 - ABAND 83 10
64	3.06	0.113	0.42	0.81	84	866	56	17 386	-868.3	1 689.8	1984	85 07 - ABAND 89 08
64	2.00	0.120	0.21	0.81	88	866	56	18 407	-1 055.1	1 932.0	1979	90 07 - ABAND 90 07
32	3.00	0.160	0.20	0.79	100	858	53	16 925	-899.6	1 811.5	1995	97 01 - GPP
128	15.10	0.065	0.25	0.61	138	816	83	25 726	-1 689.5	2 603.0	1977	91 10 - ABAND 90 05
64	22.10	0.050	0.22	0.66	162	811	83	17 451	-1 839.8	2 796.0	1979	81 01 - ABAND 83 11
64	11.80	0.050	0.20	0.66	162	790	83	19 431	-1 778.3	2 712.5	1979	84 12 - ABAND 85 08
64	30.20	0.059	0.41	0.61	210	829	84	22 739	-1 682.1	2 587.3	1981	82 04 - GPP
105	68.69	0.080	0.20	0.65	185	806	100	33 992	-2 035.2	3 007.9	1977	96 12 - GPP
34	10.67	0.090	0.26	0.50	318	780	99	30 333	-1 953.3	2 911.3	1977	93 12 - GPP
145	12.88	0.130	0.13	0.71	145	825	84	26 335	-1 727.4	2 640.9	1977	95 05 - GPP
150	38.58	0.120	0.10	0.80	140	841	82	25 859	-1 700.9	2 579.5	1978	97 12 - GPP
93					121	834	84	28 237	-1 768.1	2 722.2	1977	97 12
16	22.80	0.090	0.09	0.71								
77	40.00	0.040	0.20	0.71								- GPP
170	16.66	0.119	0.18	0.76	89	852	83	26 457	-1 676.5	2 550.4	1978	88 04 - GPP
198	32.17	0.080	0.20	0.65	123	810	96	28 737	-1 958.0	2 906.6	1978	97 12 - GPP
76	10.12	0.095	0.12	0.70	148	833	89	27 382	-1 826.9	2 759.8	1978	94 12 - GPP
53	54.45	0.047	0.21	0.70	115	811	94	26 628	-1 947.2	2 908.0	1978	92 12 - GPP
69	52.40	0.066	0.25	0.67	142	809	90	27 891	-1 859.6	2 790.6	1978	80 09 - GPP
51	73.06	0.127	0.18	0.67	147	808	92	29 167	-1 933.6	2 889.9	1978	96 12 - GPP
253	30.12	0.105	0.12	0.71	124	821	93	28 737	-1 931.1	2 882.0	1978	85 09 - GPP
80	68.65	0.087	0.09	0.69	140	820	92	28 561	-1 902.4	2 842.7	1978	97 12 - GPP
85	29.13	0.110	0.11	0.66	164	809	88	27 760	-1 837.3	2 774.5	1979	96 09 - GPP
140	21.06	0.118	0.16	0.65	148	809	88	31 054	-1 886.3	2 842.1	1979	97 12 - GPP
170	42.34	0.103	0.09	0.63	186	800	93	29 019	-1 969.4	2 905.6	1979	87 05 - GPP
122	33.86	0.098	0.09	0.76	150	819	91	28 700	-1 934.2	2 880.5	1980	85 05 - GPP
64	12.23	0.095	0.11	0.68	148	827	89	27 376	-1 826.0	2 762.4	1980	92 12 - GPP
42	35.00	0.096	0.16	0.70	127	831	84	26 599	-1 726.8	2 632.0	1981	92 12 - GPP
90	21.80	0.060	0.15	0.80	121	834	84	26 659	-1 726.0	2 662.4	1988	94 12 - GPP
16	16.50	0.050	0.18	0.67	166	807	88	21 927	-1 804.1	2 704.5	1989	91 12 - GPP
64	2.60	0.050	0.25	0.67	166	807	88	23 386	-1 795.4	2 685.6	1988	92 10
16	7.70	0.070	0.25	0.63	172	808	96	23 330	-1 796.2	2 676.0	1988	96 07
64	5.70	0.050	0.21	0.63	172	808	96	28 257	-1 913.7	2 851.0	1991	92 02 - GPP
150	10.50	0.100	0.10	0.26	465	800	92		-2 081.9	3 021.8	1994	97 05
64	10.70	0.060	0.14	0.76	83	841	82		-1 509.0	2 399.1	1996	97 05
65	2.44	0.200	0.35	0.83	80	855	38	8 288	22.0	910.8	1969	70 09 - ABAND 70 06

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
PENHOLD 036-27W4								
VIKING A	125.0	<0.03		3.7		3.7	3.7	
VIKING B	681.0	0.13		88.5		88.5	83.6	4.9
VIKING C	40.4	<0.01		0.1		0.1	0.1	
VIKING D	83.9	<0.01		0.4		0.4	0.4	
VIKING E	709.0	<0.02		11.7		11.7	11.7	
VIKING G	38.1	<0.12		4.3		4.3	4.3	
UPPER MANNVILLE A	66.7	0.10		6.7		6.7	4.3	2.4
LOWER MANNVILLE A	1 490.0	0.05		74.5		74.5	59.9	14.6
LOWER MANNVILLE D	103.0	0.05		5.2		5.2	3.0	2.2
LOWER MANNVILLE F	76.9	0.13		10.0		10.0	8.5	1.5
LOWER MANNVILLE K	199.0	0.10		19.9		19.9	7.4	12.5
LOWER MANNVILLE P	244.0	<0.03		6.0		6.0	6.0	
LOWER MANNVILLE E & H	296.0	0.05		14.8		14.8	12.3	2.5
D-2 A	408.0	<0.03		10.1		10.1	10.1	
D-2 B	81.3	0.10		8.1		8.1	8.1	
D-3 A	183.0	<0.02		3.4		3.4	3.4	
FIELD TOTAL	4 825.3			267.4		267.4	226.8	40.6
PEORIA 076-01W6								
CHARLIE LAKE A	156.0	0.20		31.2		31.2	10.5	20.7
D-1 A	519.0	<0.01		4.3		4.3	4.3	
D-1 B	106.0	<0.02		1.2		1.2	1.2	
D-1 C	128.0	<0.04		4.8		4.8	4.8	
FIELD TOTAL	909.0			41.5		41.5	20.8	20.7
PICA 084-04W6								
BELLOY A	108.0	<0.06		5.9		5.9	5.9	
FIELD TOTAL	108.0			5.9		5.9	5.9	
PINCHER CREEK 005-30W4								
LOWER MANNVILLE A	377.0	<0.01		0.2		0.2	0.2	
FIELD TOTAL	377.0			0.2		0.2	0.2	
PINE CREEK 057-19W5								
BELLY RIVER A	87.0	<0.01		0.6		0.6	0.6	
BELLY RIVER B	106.0	<0.02		1.3		1.3	1.3	
CARDIUM L	64.6	0.15		9.7		9.7	7.7	2.0
CARDIUM N	151.0	0.10		15.1		15.1	8.4	6.7
CARDIUM O	157.0	0.10		15.7		15.7	2.1	13.6
CARDIUM Q	14.7	0.09		1.3		1.3	1.2	0.1
CARDIUM T	30.1	<0.01		0.2		0.2	0.2	
CARDIUM U	32.8	<0.08		2.6		2.6	2.6	
CARDIUM V	25.0	0.20		5.0		5.0	4.0	1.0
CARDIUM W	50.9	0.10		5.1		5.1	0.6	4.5
CARDIUM X	106.0	0.15		15.9		15.9	0.7	15.2
CARDIUM H & I	6 100.0	0.07		427.0		427.0	372.9	54.1
CARDIUM J & K	22.8	0.10		2.3		2.3	2.3	
CARDIUM P & S	389.0	0.10		38.9		38.9	30.3	8.6
SECOND WHITE SPECKS A	2 860.0	0.11		315.0		315.0	294.1	20.9
SECOND WHITE SPECKS C	96.0	<0.06		4.9		4.9	4.9	
SECOND WHITE SPECKS D	383.0	0.15		57.5		57.5	48.2	9.3
SECOND WHITE SPECKS E	339.0	0.12		40.7		40.7	34.6	6.1
DEBOLT A	135.0	0.15		20.3		20.3	2.6	17.7
D-3 C	113.0	<0.28		31.5		31.5	31.5	
FIELD TOTAL	11 262.9			1 010.6		1 010.6	850.8	159.8
PINE NORTHWEST 058-20W5								
SECOND WHITE SPECKS A	894.0	<0.01		8.6		8.6	8.6	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m3/m3	kg/m3	oC	kPa	m MSL	m KB		
64	3.13	0.110	0.30	0.81	78	849	51	8 654	-796.8	1 680.4	1976	79 09 - GPP
1 078	1.25	0.100	0.36	0.79	65	850	55	9 234	-782.0	1 699.3	1981	96 08
64	1.50	0.130	0.60	0.81	66	812	68	9 800	-730.0	1 686.3	1983	84 09 - ABAND 84 10
64	1.30	0.180	0.30	0.80	76	820	66	10 569	-721.6	1 678.4	1982	84 12 - ABAND 85 10
256	5.02	0.100	0.31	0.80	76	837	60	10 306	-800.7	1 710.7	1981	96 07 - GPP
64	1.50	0.070	0.30	0.81	60	831	64	10 340	-806.4	1 714.5	1986	94 12 - ABAND 94 10
64	1.50	0.110	0.19	0.78	91	879	70	14 047	-964.9	1 860.1	1988	88 08 - GPP
231	7.40	0.130	0.14	0.78	91	877	69	14 807	-985.8	1 884.4	1960	96 08 - GPP
32	4.00	0.120	0.14	0.78	91	830	69	16 176	-1 013.3	1 987.8	1986	96 08 - GPP
64	2.30	0.100	0.33	0.78	91	830	69	13 482	-1 058.6	2 035.4	1986	93 12 - GPP
64	3.20	0.160	0.22	0.78	91	879	69	14 056	-903.6	1 833.5	1991	91 12 - GPP
64	5.48	0.110	0.19	0.78	91	877	69	14 530	-1 013.4	1 919.6	1958	75 12 - ABAND 64 02
192	2.08	0.130	0.27	0.78	91	847	69	13 008	-1 011.0	1 979.3	1985	96 08 - GPP
192	6.40	0.060	0.21	0.70	160	805	82	21 145	-1 348.4	2 302.1	1961	83 07 - ABAND 84 01
32	9.04	0.055	0.28	0.71	154	806	83	21 193	-1 371.0	2 303.0	1985	91 10 - ABAND 90 03
65	5.18	0.109	0.17	0.60	217	825	77	20 452	-1 366.3	2 312.4	1968	75 12
174	0.60	0.220	0.17	0.82	84	840	49	12 082	-641.6	1 162.9	1995	97 03
16	108.30	0.050	0.19	0.74	114	875	62	24 387	-1 720.5	2 350.2	1989	94 02 - ABAND 91 12
16	20.50	0.050	0.22	0.83	62	849	61	21 701	-1 678.3	2 311.2	1989	96 07 - GPP
16	36.90	0.040	0.27	0.74	114	874	62	23 474	-1 654.1	2 298.5	1984	96 07 - ABAND 96 03
64	1.50	0.200	0.30	0.80	66	830	37	9 837	-508.6	1 199.3	1993	95 11 - ABAND 95 07
64	11.80	0.120	0.46	0.77	95	845	65	16 046	-1 469.9	2 914.3	1983	91 12 - ABAND 91 02
64	1.80	0.130	0.30	0.83	68	837	55	7 928	-257.0	1 483.5	1957	92 10
32	5.00	0.160	0.50	0.83	64	812	50	11 727	-425.3	1 476.3	1986	96 05 - ABAND 96 02
64	2.20	0.087	0.15	0.62	190	821	60	19 864	-827.3	1 801.7	1980	93 12 - GPP
64	3.20	0.150	0.30	0.70	135	820	65	20 082	-821.8	1 785.5	1981	82 02 - GPP
64	4.20	0.120	0.36	0.76	185	793	86	21 820	-906.0	1 956.5	1985	85 08
32	1.90	0.053	0.35	0.70	167	802	73	19 953	-895.6	2 200.2	1986	97 12 - GPP
64	0.80	0.120	0.30	0.70	180	795	71	18 949	-745.6	1 935.4	1984	92 03 - ABAND 91 05
16	2.20	0.180	0.25	0.69	148	822	64	20 058	-818.1	1 755.5	1990	96 07 - GPP
121	0.46	0.100	0.30	0.64	185	793	86	21 646	-862.6	1 875.5	1988	89 12 - GPP
32	2.00	0.110	0.15	0.85	101	810	63	21 489	-842.4	1 819.0	1959	95 09
64	3.00	0.120	0.34	0.70	148	822	64	22 272	-918.0	1 940.9	1994	97 01
4 160	2.24	0.110	0.15	0.70	167	805	68	22 093	-893.8	1 890.9	1974	91 12 - GPP
64	1.20	0.050	0.15	0.70	150	824	64	22 789	-945.1	2 045.1	1980	95 01 - ABAND 94 08
960	1.37	0.070	0.34	0.64	185	793	86	22 106	-880.9	2 133.0	1981	89 03 - GPP
1 066	10.00	0.042	0.10	0.71	127	815	77	26 935	-1 047.7	2 275.0	1973	95 07 - GPP
16	6.50	0.200	0.35	0.71	140	833	63	26 352	-913.5	1 878.5	1981	96 07 - GPP
80	15.00	0.050	0.10	0.71	123	839	79	17 432	-1 063.5	2 051.7	1987	94 12 - GPP
64	20.00	0.042	0.10	0.70	127	817	77	16 431	-1 029.3	2 010.5	1988	97 12 - GPP
32	5.20	0.130	0.22	0.80	160	839	86	22 553	-1 476.6	2 549.4	1994	95 11
64	5.23	0.063	0.15	0.63	204	801	107	32 106	-2 327.6	3 304.2	1959	76 05 - ABAND 79 08
128	15.40	0.070	0.19	0.80	78	806	68	20 654	-909.8	1 868.6	1975	95 06 - ABAND 94 12

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
PINE NORTHWEST 058-20W5 (CONTINUED)								
FIELD TOTAL	894.0			8.6		8.6	8.6	
PINEDALE 054-16W4								
VIKING A	70.5	<0.01		0.1		0.1	0.1	
FIELD TOTAL	70.5			0.1		0.1	0.1	
POUCE COUPE 080-12W6								
CHARLIE LAKE A	114.0	<0.01		0.3		0.3	0.3	
BOUNDARY A	132.0	<0.01		0.1		0.1	0.1	
HALFWAY A	153.0	<0.01		0.1		0.1	0.1	
HALFWAY B	124.0	<0.01		0.2		0.2	0.2	
HALFWAY C	1 072.0	0.07		75.0		75.0	57.7	17.3
HALFWAY D & DOIG A	357.0	0.06		21.4		21.4	11.6	9.8
FIELD TOTAL	1 952.0			97.1		97.1	70.0	27.1
POUCE COUPE SOUTH 078-12W6								
BALDONNEL C	294.0	0.10		29.4		29.4	9.1	20.3
CHARLIE LAKE D	71.9	0.10		7.2		7.2	5.7	1.5
BOUNDARY B TOTAL	9 078.0			1 016.0	740.0	1 756.0	1 112.2	643.8
PRIMARY AREA	2 343.0	0.11		258.0		258.0		
WATER FLOOD AREA	6 735.0	<0.12	0.11	758.0	740.0	1 498.0		
BOUNDARY C	133.0	0.12		16.0		16.0	15.4	0.6
BOUNDARY D	67.8	<0.03		1.5		1.5	1.5	
BOUNDARY E	113.0	0.10		11.3		11.3	8.6	2.7
BOUNDARY F	125.0	0.10		12.5		12.5	7.2	5.3
BOUNDARY H	250.0	0.25		62.5		62.5	47.1	15.4
BOUNDARY I	246.0	0.10		24.6		24.6	17.0	7.6
BOUNDARY J	61.5	<0.01		0.4		0.4	0.4	
BOUNDARY K	606.0	0.15		90.9		90.9	48.8	42.1
BOUNDARY L	109.0	0.20		21.8		21.8	9.9	11.9
BOUNDARY M	170.0	0.10		17.0		17.0	5.2	11.8
BOUNDARY N	168.0	0.10		16.8		16.8	2.6	14.2
BOUNDARY O	133.0	0.10		13.3		13.3	1.0	12.3
BDY A & CH LK B TOTAL	3 372.0			219.0	170.0	389.0	263.8	125.2
PRIMARY AREA	2 374.0	0.05		119.0		119.0		
WATER FLOOD AREA	998.0	0.10	0.17	99.8	170.0	270.0		
HALFWAY C	452.0	0.15		67.8		67.8	24.0	43.8
HALFWAY F	102.0	0.05		5.1		5.1	0.7	4.4
DOIG C	54.8	<0.10		5.4		5.4	5.4	
DOIG E	41.4	0.20		8.3		8.3	3.7	4.6
FIELD TOTAL	15 648.4			1 646.8	910.0	2 556.8	1 589.3	967.5
PREVO 039-01W5								
VIKING A	180.0	0.20		36.0		36.0	34.1	1.9
VIKING B	64.5	0.20		12.9		12.9	9.9	3.0
VIKING D	56.8	0.35		19.9		19.9	16.1	3.8
VIKING E	24.4	0.22		5.4		5.4	4.4	1.0
VIKING G	64.6	<0.07		4.2		4.2	4.2	
UPPER MANNVILLE B	1 200.0	0.15		180.0		180.0	124.5	55.5
UPPER MANNVILLE E	810.0	0.10		81.0		81.0	67.7	13.3
UPPER MANNVILLE H	67.5	<0.02		1.3		1.3	1.3	
UPPER MANNVILLE I	130.0	0.10		13.0		13.0	3.8	9.2
LOWER MANNVILLE D	37.7	0.12		4.5		4.5	4.1	0.4
LOWER MANNVILLE E	154.0	0.10		15.4		15.4	3.5	11.9
PEKISKO A	170.0	0.10		17.0		17.0	8.7	8.3
FIELD TOTAL	2 959.5			390.6		390.6	282.3	108.3
PROGRESS 077-09W6								
DOE CREEK A TOTAL	7 204.0			405.0	156.0	561.0	447.1	113.9
PRIMARY AREA	3 301.0	0.04		132.0		132.0		
WATER FLOOD AREA	3 903.0	0.07	0.04	273.0	156.0	429.0		
GETHING D	289.0	0.10		28.9		28.9	22.0	6.9
GETHING E	233.0	0.05		11.7		11.7	0.2	11.5
CHARLIE LAKE A	87.7	<0.01		0.1		0.1	0.1	
CHARLIE LAKE B	14.5	0.10		1.5		1.5	0.8	0.7

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
64	1.20	0.170	0.40	0.90	38	856	33	4 829	38.7	645.4	1982	83 07
64	3.10	0.150	0.49	0.75	95	826	70	13 068	-939.0	1 596.6	1984	85 03 - ABAND 93 10
64	4.00	0.080	0.14	0.75	100	855	60	10 999	-894.2	1 597.8	1982	85 11 - ABAND 90 02
65	3.54	0.098	0.15	0.80	85	855	70	16 254	-1 025.1	1 688.6	1975	78 09 - ABAND 93 12
64	4.80	0.101	0.50	0.80	74	840	55	16 756	-1 018.7	1 688.0	1980	82 06
583	3.33	0.100	0.31	0.80	74	840	56	15 807	-992.7	1 640.2	1983	91 05 - GPP
32	16.46	0.110	0.21	0.78	75	847	60	13 952	-960.1	1 603.7	1985	91 07 - GPP
32	9.00	0.160	0.15	0.75	115	856	72	14 712	-885.8	1 719.5	1994	97 04 - GPP
64	1.50	0.120	0.19	0.77	100	829	73	18 827	-1 189.8	2 070.3	1988	93 12 - GPP
3 648					128	826	75	16 387	-1 028.5	1 811.8	1980	91 11
1 127	2.57	0.130	0.17	0.75								
2 521	3.15	0.130	0.13	0.75								
64	1.80	0.170	0.14	0.79	76	834	70	16 728	-1 067.9	1 832.6	1973	93 12 - GPP
64	1.30	0.120	0.14	0.79	76	834	70	16 794	-1 042.5	1 819.4	1973	89 12
64	3.40	0.090	0.27	0.79	82	834	60	16 440	-992.3	1 776.1	1981	83 01 - GPP
64	2.70	0.110	0.18	0.80	70	847	70	16 454	-996.5	1 795.9	1984	84 11 - GPP
192	1.90	0.120	0.16	0.68	110	813	75	15 214	-980.7	1 795.0	1982	97 09 - GPP
64	4.00	0.120	0.13	0.92	16	856	67	14 625	-978.9	1 843.2	1983	84 01 - GPP
32	1.87	0.170	0.16	0.72	128	816	75	16 984	-1 061.1	1 839.0	1988	95 07 - ABAND 93 06
331	1.76	0.200	0.35	0.80	110	834	75	17 616	-1 104.1	1 987.2	1984	91 05 - GPP
128	1.75	0.090	0.25	0.72	120	835	55	16 185	-997.9	1 803.1	1994	96 05 - GPP
128	1.90	0.110	0.14	0.74	117	821	66	17 371	-1 047.8	1 856.1	1994	95 05
64	3.50	0.160	0.40	0.78	103	844	70		-1 075.2	1 910.0	1995	97 09
64	2.50	0.120	0.11	0.78	103	844	70		-1 019.0	1 793.4	1995	97 12
1 302					93	834	70	16 597	-1 020.6	1 794.2	1970	94 12 - GPP
912	3.39	0.120	0.19	0.79								
390	2.77	0.136	0.14	0.79								
64	13.93	0.094	0.30	0.77	117	818	68	17 700	-1 162.6	1 955.6	1988	89 09
16	13.00	0.100	0.33	0.73	131	816	60	16 367	-1 059.7	1 893.4	1994	95 12 - GPP
16	4.50	0.130	0.22	0.75	100	866	59	20 198	-1 206.7	2 000.5	1985	96 07
64	1.50	0.070	0.30	0.88	109	791	72		-1 182.7	1 957.1	1994	97 12
465	0.69	0.090	0.25	0.83	58	827	58	9 767	-794.3	1 702.1	1984	90 12 - GPP
128	1.35	0.060	0.25	0.83	58	827	58	9 478	-821.2	1 814.9	1984	87 11 - GPP
64	1.50	0.095	0.25	0.83	58	814	58	9 045	-797.0	1 741.3	1986	96 06 - GPP
64	0.80	0.080	0.30	0.85	58	831	59	9 630	-777.2	1 671.5	1985	97 12 - GPP
128	1.35	0.060	0.25	0.83	58	827	58	9 535	-806.9	1 805.5	1984	87 11 - ABAND 91 10
168	8.80	0.130	0.21	0.79	90	897	65	15 833	-947.0	1 839.1	1985	89 11 - GPP
121	8.19	0.150	0.31	0.79	90	886	66	15 804	-964.9	1 903.9	1990	92 08 - GPP
16	9.52	0.110	0.49	0.79	90	886	66	14 050	-965.6	1 952.6	1991	96 07 - GPP
32	7.19	0.110	0.35	0.79	90	886	66	15 880	-963.9	1 920.1	1991	97 12 - GPP
64	1.10	0.100	0.37	0.85	57	887	50	14 904	-948.2	1 832.9	1987	94 12 - GPP
64	4.00	0.110	0.31	0.79	88	891	70	15 885	-1 004.8	1 925.6	1988	89 01 - GPP
64	3.20	0.125	0.20	0.83	65	931	73	16 294	-1 063.8	2 028.3	1973	86 11 - GPP
2 230					12	836	25	1 728	410.0	316.6	1985	97 04
1 347	1.50	0.230	0.26	0.96								
883	2.16	0.260	0.18	0.96								- GPP
32	9.20	0.170	0.32	0.85	53	842	48	10 742	-548.4	1 267.8	1991	94 12
32	7.00	0.170	0.28	0.85	61	875	60		-657.0	1 436.3	1986	97 08
64	2.40	0.100	0.32	0.84	67	813	62	13 232	-902.7	1 681.2	1982	83 08
64	0.70	0.070	0.40	0.77	80	850	60	13 022	-903.1	1 667.1	1983	85 08 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
PROGRESS 077-09W6 (CONTINUED)								
CHARLIE LAKE C	164.0	0.05		8.2		8.2	2.1	6.1
CHARLIE LAKE E	122.0	<0.01		0.3		0.3	0.3	
CHARLIE LAKE F	92.9	<0.02		1.4		1.4	1.4	
CHARLIE LAKE G	1 250.0	0.05		62.5		62.5	54.9	7.6
CHARLIE LAKE I	196.0	0.10		19.6		19.6	12.5	7.1
CHARLIE LAKE J	138.0	<0.02		1.6		1.6	1.6	
CHARLIE LAKE K	176.0	<0.03		5.0		5.0	5.0	
CHARLIE LAKE L	269.0	<0.01		0.5		0.5	0.5	
CHARLIE LAKE M	111.0	0.10		11.1		11.1	6.0	5.1
CHARLIE LAKE N	65.0	0.15		9.8		9.8	4.8	5.0
CHARLIE LAKE O	34.2	0.15		5.1		5.1	2.7	2.4
CHARLIE LAKE P	240.0	0.10		24.0		24.0	5.8	18.2
BOUNDARY A	19.4	0.03		0.6		0.6	0.6	
BOUNDARY B WATER FLOOD	740.0	0.15	0.10	111.0	74.0	185.0	127.3	57.7
BOUNDARY C TOTAL	608.0			99.1	90.2	189.0	99.5	89.5
PRIMARY AREA	157.0	0.20		31.4		31.4		
WATER FLOOD AREA	451.0	0.15	0.20	67.7	90.2	158.0		
HALFWAY B	6 311.0	0.10		631.0		631.0	434.6	196.4
HALFWAY C	405.0	0.05		20.3		20.3	2.4	17.9
HALFWAY E	350.0	0.20		70.0		70.0	57.1	12.9
HALFWAY H	17.9	<0.03		0.4		0.4	0.4	
HALFWAY I	74.7	0.15		11.2		11.2	9.4	1.8
HALFWAY J WATER FLOOD	500.0	0.20	0.16	100.0	80.0	180.0	106.3	73.7
HALFWAY M	91.0	<0.06		4.8		4.8	4.8	
HALFWAY O WATER FLOOD	1 600.0	0.20	0.05	320.0	80.0	400.0	215.0	185.0
HALFWAY P WATER FLOOD	1 702.0	0.15	0.20	255.0	340.0	595.0	461.2	133.8
HALFWAY R	125.0	0.20		25.0		25.0	22.2	2.8
HALFWAY T	44.8	<0.08		3.5		3.5	3.5	
HALFWAY X	267.0	0.25		66.8		66.8	46.8	20.0
HALFWAY DD	110.0	0.20		22.0		22.0	1.6	20.4
DOIG A	397.0	0.05		19.9		19.9	13.8	6.1
FIELD TOTAL	24 049.1			2 356.9	820.2	3 176.8	2 174.3	1 002.5
PROVOST 036-07W4								
VIKING V	191.0	0.17		32.5		32.5	27.1	5.4
VIKING RR	61.7	0.10		6.2		6.2	5.0	1.2
VIKING UU	13.9	<0.01		0.1		0.1	0.1	
VIKING,BR,BSL COL & MANV MU #1 TOTAL	93 000.0			5 252.0	4 376.0	9 628.0	9 187.3	440.7
PRIMARY AREA	38 300.0	0.08		3 064.0		3 064.0		
WATER FLOOD AREA	54 700.0	0.04	0.08	2 188.0	4 376.0	6 564.0		
VIKING GGG	55.4	<0.01		0.1		0.1	0.1	
VIKING PPP	292.0	<0.03		7.1		7.1	7.1	
VIKING QQQ	22.3	0.15		3.3		3.3	2.0	1.3
BLAIRMORE	2 630.0	0.30		789.0		789.0	737.7	51.3
BLAIRMORE B	4 627.0	0.50		2 314.0		2 314.0	1 985.0	329.0
MANNVILLE H	535.0	0.05		26.8		26.8	21.7	5.1
MANNVILLE L	5 234.0	0.35		1 832.0		1 832.0	1 390.6	441.4
MANNVILLE T	190.0	<0.02		2.5		2.5	2.5	
MANNVILLE CC	51.0	<0.01		0.1		0.1	0.1	
MANNVILLE S & UPPER MANNVILLE F	187.0	0.20		37.4		37.4	30.7	6.7
UPPER MANV OOO & ELLERSLIE S TOTAL	5 580.0			463.0	552.0	1 015.0	594.8	420.2
PRIMARY AREA	1 899.0	0.05		95.0		95.0		
WATER FLOOD AREA	3 681.0	0.10	0.15	368.0	552.0	920.0		
UPPER MANNVILLE C3C	133.0	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE C4C	2 251.0	0.20		450.0		450.0	174.5	275.5
UPPER MANNVILLE X4X	802.0	0.13		104.0		104.0	98.5	5.5
UPPER MANNVILLE V8V	85.2	0.15		12.8		12.8	0.3	12.5
UPPER MANNVILLE W8W	410.0	0.12		49.2		49.2	38.4	10.8
COLONY H	374.0	0.05		18.7		18.7	15.0	3.7
COLONY I	152.0	0.10		15.2		15.2	3.7	11.5
COLONY K	35.6	0.10		3.6		3.6	1.1	2.5
SPARKY O	28.2	0.10		2.8		2.8	1.0	1.8
REX A	541.0	0.10		54.1		54.1	23.8	30.3

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
210	1.60	0.113	0.44	0.77	80	850	60	12 959	-897.3	1 663.8	1983	90 11 - GPP
64	3.70	0.100	0.33	0.77	64	835	54	13 484	-882.7	1 639.9	1983	89 12 - ABAND 91 01
64	4.10	0.100	0.54	0.77	64	849	67	13 556	-890.3	1 649.1	1982	91 10 - ABAND 90 07
320	4.23	0.150	0.20	0.77	80	836	60	15 674	-889.4	1 654.0	1982	96 08 - GPP
64	3.20	0.160	0.18	0.73	118	825	55	12 550	-903.9	1 681.4	1982	86 02 - GPP
64	3.00	0.120	0.20	0.75	123	827	60	14 539	-965.9	1 805.5	1985	92 10
65	2.80	0.170	0.14	0.66	150	813	62	18 725	-957.2	1 827.4	1985	94 11 - ABAND 93 01
64	3.50	0.180	0.11	0.75	96	825	54	15 573	-874.5	1 648.3	1985	87 12 - ABAND 92 09
32	3.40	0.160	0.15	0.75	123	828	69	14 960	-880.6	1 657.0	1990	91 10 - GPP
16	3.50	0.160	0.07	0.78	95	849	67	15 312	-927.2	1 695.0	1995	97 08 - GPP
8	2.93	0.210	0.11	0.78	95	849	67		-938.1	1 710.3	1996	97 08 - GPP
64	3.77	0.140	0.09	0.78	95	849	67		-928.6	1 696.0	1995	97 08 - GPP
64	0.60	0.080	0.21	0.80	68	840	72	15 684	-904.8	1 826.0	1984	91 10 - ABAND 88 01
680	1.20	0.140	0.10	0.72	112	816	74	16 841	-936.9	1 810.0	1991	95 12
523					123	814	71	16 626	-894.4	1 848.4	1992	97 12
64	2.20	0.170	0.10	0.73								
459	0.97	0.160	0.12	0.72								- GPP
896	13.63	0.100	0.32	0.76	112	844	70	17 629	-1 035.4	1 910.2	1976	86 11 - GPP
64	11.43	0.091	0.20	0.76	112	840	70	16 584	-1 027.6	1 906.8	1984	94 05
40	10.36	0.150	0.12	0.64	191	805	67	20 628	-1 025.5	1 840.3	1981	95 12
16	3.00	0.070	0.30	0.76	120	836	60	20 415	-972.8	1 743.6	1984	96 07 - GPP
64	1.90	0.150	0.37	0.65	185	812	60	16 596	-959.0	1 729.9	1984	86 04 - GPP
131	4.98	0.140	0.26	0.74	126	821	60	16 759	-943.9	1 725.1	1985	93 05 - GPP
32	3.87	0.148	0.32	0.73	185	820	58	17 119	-980.7	1 763.5	1986	96 07 - GPP
448	4.01	0.160	0.13	0.64	191	801	67	20 751	-985.6	1 776.1	1986	94 12
768	3.12	0.139	0.30	0.73	96	825	50	17 000	-925.1	1 684.0	1987	91 03
96	2.40	0.090	0.14	0.70	129	824	41	16 991	-937.6	1 695.5	1988	95 12 - GPP
32	2.20	0.140	0.41	0.77	117	818	68	16 483	-959.0	1 751.2	1990	96 07 - GPP
64	4.89	0.180	0.35	0.73	120	817	65	16 248	-940.9	1 727.6	1985	95 12 - GPP
64	3.50	0.090	0.25	0.73	120	817	65		-1 073.2	1 912.9	1996	97 06
32	21.90	0.090	0.16	0.75	94	830	70	16 970	-1 055.4	1 889.4	1982	93 12 - GPP
90	1.80	0.220	0.43	0.94	24	851	32	5 691	-65.8	826.9	1976	95 12 - GPP
64	1.20	0.190	0.55	0.94	20	868	31	5 601	-54.6	816.3	1976	83 08 - GPP
64	0.70	0.060	0.45	0.94	22	851	38	5 537	-46.3	803.5	1984	85 11 - ABAND 87 12
65 350					25	855	36	6 126	-83.3	845.3	1946	94 12 - GPP
31 392	1.56	0.260	0.68	0.94								SW=.50 + SG=.18
33 958	1.36	0.252	0.50	0.94								SW=.37 + SG=.13
64	1.22	0.130	0.40	0.91	38	857	37	6 012	-3.6	757.4	1978	78 11
64	3.70	0.214	0.38	0.93	26	851	50	6 045	-106.9	828.0	1973	96 07 - GPP
16	1.00	0.240	0.40	0.97	60	863	30	4 454	-60.1	831.5	1994	95 11
516	2.70	0.270	0.24	0.92	28	892	33	6 223	-172.8	877.7	1958	92 12 - GPP
605	3.77	0.260	0.17	0.94	27	892	33	6 421	-196.7	945.7	1958	95 12 - GPP
129	2.44	0.290	0.35	0.90	25	887	27	6 208	-69.7	819.0	1972	89 03 - GPP
530	5.00	0.270	0.23	0.95	21	900	28	5 678	-137.3	827.5	1976	96 12 - GPP
64	3.23	0.200	0.49	0.90	35	876	30	6 120	-156.7	877.9	1977	96 03 - ABAND 95 12
16	2.54	0.220	0.40	0.95	18	881	30	7 288	-116.7	851.8	1979	93 01 - ABAND 84 08
23	5.13	0.260	0.35	0.94	25	910	37	5 840	-97.7	784.1	1976	96 12 - GPP
1 377					32	892	33	6 737	-197.9	965.3	1984	97 12
632	2.14	0.240	0.35	0.90								
745	3.23	0.250	0.32	0.90								- GPP
64	2.00	0.250	0.55	0.92	31	820	26	5 748	-89.6	798.0	1985	86 06 - ABAND 86 11
569	3.00	0.230	0.37	0.91	34	865	31	6 156	-156.4	900.6	1989	97 09 - GPP
86	5.40	0.240	0.25	0.96	20	890	31	5 830	-164.8	907.4	1989	94 12 - GPP
16	6.00	0.150	0.35	0.91	33	869	39	7 530	-305.1	1 158.5	1994	95 11 - GPP
148	2.07	0.240	0.38	0.90	32	892	33	5 967	-197.3	961.5	1991	95 11
64	3.20	0.280	0.25	0.87	54	863	26	6 542	-81.5	821.9	1990	91 05 - GPP
64	1.50	0.270	0.39	0.96	14	868	33	6 483	-74.6	827.3	1993	94 08 - GPP
16	1.50	0.220	0.29	0.95	21	900	28	5 941	-69.9	810.4	1991	95 02 - GPP
8	1.80	0.320	0.35	0.94	27	893	30	5 905	-100.7	913.3	1995	96 07 - GPP
65	6.65	0.200	0.32	0.92	40	887	35	6 048	-103.9	785.7	1987	96 07 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
PROVOST 036-07W4 (CONTINUED)								
REX J	156.0	0.05		7.8		7.8	0.4	7.4
REX K	43.2	0.10		4.3		4.3	0.1	4.2
LLOYDMINSTER KK	2 765.0	0.40		1 106.0		1 106.0	785.0	321.0
LLOYDMINSTER XX	233.0	0.10		23.3		23.3	16.2	7.1
LLOYDMINSTER ZZ	1 620.0	0.30		486.0		486.0	372.1	113.9
LLOYDMINSTER GGG & CUMMINGS K2K	81.1	0.20		16.2		16.2	7.8	8.4
LLOYDMINSTER D, CUMMINGS F & Z2Z	2 747.0	<0.13		344.0		344.0	181.5	162.5
LLOYDMINSTER DDD	836.0	0.20		167.0		167.0	65.1	101.9
LLOYDMINSTER EEE	153.0	0.30		45.9		45.9	44.1	1.8
LLOYDMINSTER HHH	282.0	0.30		84.6		84.6	67.1	17.5
LLOYDMINSTER OOO	58.9	0.10		5.9		5.9	1.7	4.2
LLOYDMINSTER UUU	37.7	0.20		7.5		7.5	2.5	5.0
LLOYDMINSTER B2B	62.3	0.30		18.7		18.7	4.6	14.1
LLOYDMINSTER C2C	163.0	0.10		16.3		16.3	1.0	15.3
LLOYDMINSTER E2E	50.3	0.30		15.1		15.1	1.1	14.0
LLOYDMINSTER F2F	70.6	0.20		14.1		14.1	1.0	13.1
LLOYDMINSTER T2T	55.5	0.20		11.1		11.1	2.5	8.6
LLOYDMINSTER V2V	34.9	0.10		3.5		3.5	1.4	2.1
GLAUCONITIC A	7 399.0	0.50		3 700.0		3 700.0	3 012.7	687.3
GLAUCONITIC B	26.2	0.30		7.9		7.9	5.3	2.6
GLAUCONITIC K	25.4	0.20		5.1		5.1	0.2	4.9
GLAUCONITIC L	136.0	0.10		13.6		13.6	0.9	12.7
GLAUCONITIC S	41.2	<0.01		0.1		0.1	0.1	
CUMMINGS A	2 738.0	0.35		958.0		958.0	912.4	45.6
CUMMINGS B	62.7	<0.01		0.1		0.1	0.1	
CUMMINGS E	55.9	<0.02		1.1		1.1	1.1	
CUMMINGS Y	960.0	0.25		240.0		240.0	184.7	55.3
CUMMINGS EE	159.0	0.25		39.8		39.8	37.3	2.5
CUMMINGS GG	85.0	0.07		6.0		6.0	4.8	1.2
CUMMINGS HH	160.0	0.25		40.0		40.0	35.0	5.0
CUMMINGS LL	20.7	<0.07		1.3		1.3	1.3	
CUMMINGS PP	600.0	0.30		180.0		180.0	144.1	35.9
CUMMINGS YY	31.1	<0.06		1.8		1.8	1.8	
CUMMINGS RRR	92.4	0.20		18.5		18.5	10.0	8.5
CUMMINGS N2N	185.0	0.30		55.5		55.5	12.4	43.1
CUMMINGS O2O	84.5	0.10		8.5		8.5	3.0	5.5
CUMMINGS U2U	60.6	0.20		12.1		12.1	1.2	10.9
CUMMINGS O3O	78.6	0.20		15.7		15.7	3.2	12.5
CUMMINGS Q3Q	82.1	0.10		8.2		8.2	3.9	4.3
CUMMINGS R3R	63.6	0.20		12.7		12.7	5.4	7.3
CUMMINGS S3S	44.1	0.20		8.8		8.8	2.7	6.1
CUMMINGS T & DINA W	1 190.0	0.30		357.0		357.0	342.8	14.2
CUMMINGS NN & DINA CC	340.0	<0.30		100.0		100.0	75.4	24.6
LOWER MANNVILLE L	72.9	0.15		10.9		10.9	9.8	1.1
LOWER MANNVILLE Z	2 209.0	0.30		663.0		663.0	577.5	85.5
LOWER MANNVILLE DDD	26.2	0.20		5.2		5.2	2.0	3.2
DINA S	3 192.0	0.50		1 596.0		1 596.0	1 065.3	530.7
DINA X	1 166.0	0.30		350.0		350.0	252.0	98.0
DINA Y	2 630.0	0.50		1 315.0		1 315.0	927.6	387.4
DINA DD	216.0	0.30		64.8		64.8	45.3	19.5
DINA JJ	195.0	0.30		58.5		58.5	55.7	2.8
DINA NN	393.0	0.32		126.0		126.0	119.2	6.8
DINA OO	654.0	0.10		65.4		65.4	38.0	27.4
DINA SS	1 793.0	0.35		628.0		628.0	491.8	136.2
DINA DDD	35.1	0.30		10.5		10.5	7.1	3.4
DINA FFF	2 664.0	0.50		1 332.0		1 332.0	914.3	417.7
DINA PPP	2 032.0	0.45		914.0		914.0	900.8	13.2
DINA QQQ	99.6	0.15		14.9		14.9	11.5	3.4
DINA RRR	151.0	0.25		37.8		37.8	29.4	8.4
DINA UUU WATER FLOOD	279.0	0.35	0.05	97.7	14.0	112.0	96.8	15.2
DINA VVV	406.0	0.30		122.0		122.0	75.9	46.1
DINA WWW	8.2	0.05		0.4		0.4	0.4	
DINA ZZZ	83.3	0.25		20.8		20.8	14.4	6.4
DINA C2C	339.0	0.30		102.0		102.0	86.2	15.8
DINA M2M	14.7	0.30		4.4		4.4	3.1	1.3
DINA L2L & S2S	621.0	0.45		279.0		279.0	223.1	55.9
DINA U3U	1 142.0	0.30		343.0		343.0	311.1	31.9
DINA W3W	493.0	0.35		173.0		173.0	74.7	98.3

_ LIGHT-MEDIUM CRUDE OIL POOLS

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
16	8.20	0.200	0.36	0.93	29	887	35	2 424	-201.8	1 022.1	1995	96 05 - GPP
16	2.20	0.220	0.40	0.93	31	877	32	8 119	-199.0	1 004.9	1995	96 08 - GPP
424	2.86	0.300	0.20	0.95	20	893	28	5 944	-116.0	793.2	1990	95 03 - GPP
32	4.00	0.290	0.31	0.91	34	865	34	6 200	-210.2	970.0	1992	93 05 - GPP
154	5.26	0.280	0.24	0.94	37	899	35	6 215	-209.3	974.9	1988	95 01 - GPP
32	1.85	0.270	0.46	0.94	20	893	29	5 277	-110.2	786.0	1993	94 03 - GPP
480	3.95	0.250	0.39	0.95	20	893	30	5 467	-119.6	792.3	1983	95 12 - GPP
128	2.90	0.300	0.21	0.95	20	900	28	6 125	-166.4	891.0	1993	96 12
24	4.10	0.240	0.29	0.91	34	865	34	7 510	-311.3	1 056.9	1993	96 08 - GPP
24	4.82	0.310	0.19	0.97	10	918	31	5 566	-110.5	782.8	1993	95 10 - GPP
16	3.00	0.190	0.29	0.91	34	865	34	7 106	-304.5	1 050.5	1994	95 03 - GPP
16	1.40	0.280	0.36	0.94	20	893	29	4 374	-113.3	790.8	1995	95 12 - GPP
16	1.80	0.290	0.18	0.91	34	891	34	7 560	-317.1	1 068.6	1995	96 05 - GPP
32	2.30	0.300	0.19	0.91	34	865	34	6 147	-311.4	1 058.3	1996	96 08 - GPP
16	2.70	0.210	0.41	0.94	20	893	29	7 296	-190.5	956.0	1995	96 11 - GPP
32	1.50	0.280	0.41	0.89	39	882	28	5 651	-166.4	878.3	1996	96 11 - GPP
16	2.00	0.300	0.35	0.89	39	935	28	4 321	-128.6	802.0	1993	97 03 - GPP
8	3.50	0.280	0.50	0.89	39	883	28	5 719	-116.6	795.3	1996	97 04 - GPP
494	6.87	0.270	0.15	0.95	16	908	34	6 125	-185.5	925.0	1991	95 12 - GPP
16	2.20	0.180	0.30	0.59	50	834	30	7 046	-240.5	966.3	1992	93 06 - GPP
16	1.90	0.270	0.66	0.91	34	865	34	7 536	-314.2	1 071.8	1995	95 11 - GPP
32	3.50	0.240	0.45	0.92	34	909	34	7 268	-266.1	1 037.7	1994	96 02
16	2.60	0.170	0.38	0.94	28	893	32	8 598	-274.1	1 044.9	1996	97 11 - ABAND 97 06
784	2.64	0.220	0.38	0.97	27	876	28	6 241	-152.9	833.5	1973	96 10 - GPP
64	1.00	0.170	0.40	0.96	18	888	28	6 304	-160.3	946.2	1979	83 12
16	2.00	0.300	0.40	0.97	30	865	35	5 067	-161.0	919.0	1983	96 07 - GPP
494	1.50	0.220	0.38	0.95	11	868	28	5 620	-149.2	819.6	1987	96 07 - GPP
64	1.89	0.220	0.37	0.95	11	872	28	6 175	-150.7	824.7	1988	96 12 - GPP
32	2.20	0.240	0.47	0.95	20	890	28	5 870	-174.2	908.3	1988	93 12 - GPP
48	2.95	0.220	0.46	0.95	11	890	28	5 705	-116.7	776.7	1988	93 01 - GPP
16	0.70	0.250	0.22	0.95	11	884	28	6 375	-157.7	891.3	1988	96 07 - GPP
171	2.71	0.220	0.36	0.92	31	868	28	5 923	-155.3	824.5	1988	97 12 - GPP
32	1.12	0.190	0.52	0.95	11	905	28	6 534	-196.0	956.1	1989	96 07 - GPP
16	3.41	0.270	0.34	0.95	15	872	28	5 709	-130.0	796.9	1992	92 07 - GPP
48	2.70	0.250	0.40	0.95	40	878	38	6 038	-198.8	965.5	1994	95 11 - GPP
4	8.00	0.320	0.14	0.96	15	878	25	5 329	-111.7	780.0	1994	96 08 - GPP
4	5.50	0.330	0.13	0.96	13	878	32	5 744	-116.7	781.5	1994	95 02 - GPP
32	1.85	0.240	0.43	0.97	27	876	28	6 125	-153.6	826.9	1991	96 11 - GPP
16	3.00	0.260	0.30	0.94	25	873	32	4 990	-139.8	853.2	1996	97 03 - GPP
16	2.00	0.300	0.28	0.92	31	878	31		-115.2	794.0	1996	97 06 - GPP
16	1.60	0.240	0.22	0.92	31	878	31		-125.6	793.4	1996	97 06 - GPP
200	3.53	0.270	0.35	0.96	32	893	34	5 803	-140.1	832.4	1987	93 12 - GPP
77	3.02	0.230	0.33	0.95	66	875	34	6 227	-172.9	916.8	1975	92 12 - GPP
64	1.00	0.230	0.45	0.90	38	861	32	6 960	-239.4	1 030.5	1980	87 12 - GPP
188	5.50	0.270	0.14	0.92	34	903	34	6 042	-183.9	908.5	1969	91 12 - GPP
16	1.30	0.210	0.34	0.91	43	876	31	8 001	-284.0	1 056.2	1995	96 08 - GPP
420	4.78	0.240	0.31	0.96	13	874	32	6 563	-203.4	950.2	1985	95 12 - GPP
118	6.97	0.230	0.33	0.92	31	878	34	6 865	-203.8	952.4	1987	96 10 - GPP
398	3.63	0.240	0.21	0.96	14	876	34	6 531	-203.8	983.3	1987	95 12 - GPP
60	1.92	0.260	0.25	0.96	39	883	30	6 409	-200.3	1 004.2	1987	94 02 - GPP
40	3.40	0.230	0.35	0.96	14	868	27	5 912	-200.5	962.4	1988	93 12 - GPP
70	3.27	0.230	0.23	0.97	16	908	27	6 090	-205.6	958.9	1988	97 12 - GPP
160	3.19	0.220	0.38	0.94	23	876	27	6 238	-174.8	931.9	1988	89 08 - GPP
200	5.26	0.230	0.22	0.95	18	888	27	6 355	-189.9	944.8	1988	93 12 - GPP
8	3.75	0.250	0.48	0.90	38	890	32	6 872	-212.3	945.9	1988	93 12 - GPP
425	3.50	0.260	0.29	0.97	16	899	28	6 763	-207.7	979.6	1988	95 12 - GPP
340	3.20	0.250	0.23	0.97	20	880	28	5 778	-151.5	818.5	1988	94 12 - GPP
12	4.44	0.240	0.18	0.95	14	868	28	6 425	-189.9	922.4	1988	94 01 - GPP
40	2.83	0.220	0.36	0.95	18	888	28	6 517	-190.3	929.4	1988	93 12 - GPP
54	3.32	0.240	0.28	0.90	35	879	28	6 464	-190.4	980.6	1988	94 02 - GPP
60	4.50	0.230	0.31	0.95	18	888	28	6 134	-195.2	980.5	1988	90 11 - GPP
4	2.30	0.210	0.56	0.96	14	868	28	6 512	-191.6	940.9	1988	93 12 - ABAND 94 12
8	6.11	0.250	0.29	0.96	14	868	28	6 410	-191.5	962.6	1988	93 12 - GPP
23	8.44	0.250	0.28	0.97	23	871	28	5 351	-161.6	860.2	1989	94 12 - GPP
4	4.00	0.180	0.45	0.93	20	860	28	6 410	-152.8	825.4	1989	97 12 - GPP
80	4.00	0.260	0.23	0.97	30	882	28	5 815	-205.3	969.0	1989	93 12 - GPP
130	4.14	0.270	0.19	0.97	25	890	28	5 528	-141.1	838.1	1990	92 12 - GPP
157	2.32	0.240	0.38	0.91	29	880	28	6 369	-210.5	958.9	1990	93 12 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
PROVOST 036-07W4 (CONTINUED)								
DINA Z3Z	692.0	0.40		277.0		277.0	157.5	119.5
DINA G4G	2 442.0	0.30		733.0		733.0	682.9	50.1
DINA I4I	785.0	0.45		353.0		353.0	318.6	34.4
DINA N4N WATER FLOOD	217.0	0.20	0.25	43.4	54.3	97.7	91.2	6.5
DINA T4T	398.0	0.35		139.0		139.0	108.6	30.4
DINA W4W TOTAL	1 149.0			276.0	23.0	299.0	252.3	46.7
PRIMARY AREA	919.0	0.25		230.0		230.0		
WATER FLOOD AREA	230.0	0.20	0.10	46.0	23.0	69.0		
DINA Y4Y	74.7	0.35		26.1		26.1	13.2	12.9
DINA E5E	1 733.0	0.35		607.0		607.0	300.1	306.9
DINA H5H	598.0	0.30		179.0		179.0	124.6	54.4
DINA T5T	36.7	0.30		11.0		11.0	8.1	2.9
DINA U5U	30.2	0.25		7.6		7.6	3.1	4.5
DINA V5V	78.5	0.40		31.4		31.4	23.9	7.5
DINA X5X	1 699.0	0.30		510.0		510.0	206.6	303.4
DINA E6E	771.0	0.20		154.0		154.0	31.8	122.2
DINA H6H	170.0	0.30		51.0		51.0	20.4	30.6
DINA I6I	449.0	0.25		112.0		112.0	33.3	78.7
DINA L6L	251.0	0.35		87.9		87.9	43.3	44.6
DINA M6M	54.8	0.30		16.4		16.4	9.8	6.6
DINA N6N	46.8	0.20		9.4		9.4	4.6	4.8
DINA O6O	136.0	0.20		27.2		27.2	6.8	20.4
DINA Y6Y	60.0	0.30		18.0		18.0	12.4	5.6
DINA Z6Z	68.2	0.20		13.6		13.6	8.8	4.8
DINA A7A	51.9	0.27		14.0		14.0	11.6	2.4
DINA C7C	24.9	0.20		5.0		5.0	0.7	4.3
DINA E7E	95.7	0.20		19.1		19.1	2.2	16.9
ELLERSLIE U	1 288.0	0.30		386.0		386.0	246.4	139.6
ELLERSLIE Z	834.0	0.30		250.0		250.0	167.9	82.1
ELLERSLIE CC	49.0	0.30		14.7		14.7	7.4	7.3
ELLERSLIE DD	491.0	0.30		147.0		147.0	89.1	57.9
ELLERSLIE EE	22.5	0.20		4.5		4.5	2.0	2.5
ELLERSLIE FF	61.5	0.25		15.4		15.4	7.9	7.5
ELLERSLIE HH	199.0	0.20		39.8		39.8	15.6	24.2
ELLERSLIE II	113.0	0.10		11.3		11.3	0.4	10.9
ELLERSLIE JJ	31.8	<0.01		0.3		0.3	0.3	
ELLERSLIE MM	21.3	0.15		3.2		3.2	1.0	2.2
ELLERSLIE VV	1 015.0	0.63		639.0		639.0	489.7	149.3
ELLERSLIE YY	922.0	0.50		461.0		461.0	379.2	81.8
ELLERSLIE ZZ	10.3	<0.04		0.4		0.4	0.4	
ELLERSLIE N & OOO	5 285.0	0.30		1 586.0		1 586.0	1 483.1	102.9
ELLERSLIE AAA	85.0	0.30		25.5		25.5	6.3	19.2
ELLERSLIE BBB	25.9	0.30		7.8		7.8	2.1	5.7
ELLERSLIE CCC	67.5	0.20		13.5		13.5	7.7	5.8
ELLERSLIE DDD	72.0	0.25		18.0		18.0	11.2	6.8
ELLERSLIE EEE	521.0	0.40		208.0		208.0	142.3	65.7
ELLERSLIE HHH	120.0	0.25		30.0		30.0	18.9	11.1
ELLERSLIE III	159.0	0.30		47.7		47.7	8.0	39.7
ELLERSLIE JJJ	43.4	0.20		8.7		8.7	2.6	6.1
ELLERSLIE KKK	19.6	0.30		5.9		5.9	2.7	3.2
ELLERSLIE LLL	194.0	0.05		9.7		9.7	2.4	7.3
ELLERSLIE MMM	385.0	0.20		77.0		77.0	7.9	69.1
ELLERSLIE PPP	318.0	0.30		95.4		95.4	20.7	74.7
ELLERSLIE WWW	48.3	0.20		9.7		9.7	4.3	5.4
ELLERSLIE C2C	60.6	0.20		12.1		12.1	2.3	9.8
ELLERSLIE D2D	95.4	0.15		14.3		14.3	1.8	12.5
ELLERSLIE E2E	44.8	0.30		13.4		13.4	3.6	9.8
DETRITAL A	193.0	0.10		19.3		19.3	14.2	5.1
D-1 A	20.7	<0.01		0.1		0.1	0.1	
D-2 A	119.0	<0.01		1.0		1.0	1.0	
FIELD TOTAL *	187 615.9			35 876.8	5 019.3	40 896.4	32 665.1	8 231.3
PUSKWASKAU 074-01W6								
CHARLIE LAKE A	126.0	<0.05		5.9		5.9	5.9	
D-2 A	124.0	0.10		12.4		12.4	12.4	
D-3 A	459.0	<0.12		52.1		52.1	52.1	
D-3 B	131.0	<0.01		0.4		0.4	0.4	
GRANITE WASH A	189.0	0.15		28.4		28.4	1.6	26.8
FIELD TOTAL	1 029.0			99.2		99.2	72.4	26.8

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA ha	AVERAGE PAY THICKNESS m	POROSITY frac	WATER SATN frac	SHRINKAGE frac	INITIAL SOLUTION GOR m^3/m^3	DENSITY kg/m^3	TEMP °C	INITIAL PRESSURE kPa	DATUM DEPTH m MSL	MEAN FORMATION DEPTH m KB	DISC YEAR	DATE LAST REVIEWED AND REMARKS
110	3.65	0.240	0.26	0.97	30	878	28	6 066	-203.5	965.4	1990	93 04 - GPP
503	2.78	0.260	0.27	0.92	20	880	28	6 179	-163.7	841.3	1973	94 12 - GPP
125	3.24	0.270	0.26	0.97	23	886	28	5 552	-148.8	815.3	1991	93 12 - GPP
61	2.19	0.240	0.28	0.94	25	879	28	5 949	-165.8	871.7	1991	94 04 - GPP
62	3.03	0.280	0.22	0.97	26	880	28	5 966	-147.6	831.9	1991	94 03 - GPP
148					30	882	28	5 711	-163.4	830.3	1991	97 12 - GPP
120	4.10	0.260	0.26	0.97								
28	4.40	0.260	0.26	0.97								
22	2.09	0.270	0.38	0.97	20	882	28	6 028	-202.7	961.8	1991	92 04 - GPP
270	4.11	0.230	0.30	0.97	20	890	28	6 007	-200.3	946.1	1992	94 12 - GPP
128	3.06	0.240	0.33	0.95	24	879	28	6 261	-176.8	946.9	1975	93 03 - GPP
8	2.80	0.260	0.33	0.94	24	887	33	6 312	-187.2	914.5	1992	94 02 - GPP
4	4.30	0.270	0.33	0.97	24	887	33	5 793	-152.6	820.9	1993	94 09 - GPP
16	3.00	0.240	0.29	0.96	14	868	33	5 741	-166.3	851.5	1993	95 12 - GPP
234	3.83	0.250	0.21	0.96	14	868	33	6 044	-211.1	972.7	1993	95 07 - GPP
132	3.73	0.240	0.32	0.96	35	889	33	5 286	-166.6	940.2	1994	94 10 - GPP
50	2.00	0.260	0.32	0.96	14	868	33	4 324	-157.2	823.5	1994	96 05 - GPP
118	2.30	0.260	0.33	0.95	18	888	34	7 216	-280.4	1 059.9	1994	97 02 - GPP
80	2.20	0.230	0.31	0.90	18	880	34	6 211	-261.6	1 036.6	1993	97 02 - GPP
20	2.31	0.220	0.40	0.90	27	878	35	6 923	-266.6	1 056.0	1993	95 08 - GPP
16	2.00	0.250	0.35	0.90	38	890	32	7 174	-283.8	1 066.5	1995	95 08 - GPP
32	2.92	0.230	0.34	0.96	96	868	33	5 788	-217.0	992.8	1994	95 11 - GPP
16	1.90	0.280	0.25	0.94	22	860	40	6 048	-292.5	1 078.4	1996	96 09 - GPP
16	3.00	0.240	0.37	0.94	22	860	40	4 007	-167.3	858.5	1996	96 10 - GPP
16	1.70	0.280	0.29	0.96	14	867	33	5 898	-231.2	1 013.4	1996	97 12 - GPP
8	2.40	0.230	0.40	0.94	22	860	40		-167.6	859.8	1996	97 06 - GPP
16	3.40	0.260	0.28	0.94	22	860	40		-167.4	836.6	1996	97 09 - GPP
164	4.34	0.250	0.23	0.94	18	892	31	6 296	-256.8	975.3	1991	93 12 - GPP
86	4.19	0.280	0.13	0.95	16	892	34	6 184	-268.0	995.1	1992	95 12 - GPP
8	3.63	0.240	0.26	0.95	16	908	34	6 240	-257.3	974.0	1993	94 01 - GPP
84	3.26	0.260	0.25	0.92	48	898	37	5 904	-275.0	993.7	1993	94 07 - GPP
4	4.30	0.240	0.35	0.84	60	864	35	6 118	-249.9	971.7	1994	95 07 - GPP
16	2.30	0.290	0.40	0.96	54	803	29	6 591	-220.3	990.2	1994	97 12 - GPP
48	2.47	0.280	0.34	0.91	34	865	32	6 501	-220.3	989.6	1995	95 12 - GPP
16	4.00	0.260	0.30	0.97	60	863	30	5 337	-221.8	1 034.5	1995	95 11 - GPP
16	1.50	0.240	0.40	0.92	36	854	32	6 156	-246.1	1 055.3	1995	97 05 - ABAND 97 01
16	1.20	0.240	0.45	0.84	60	864	35	7 708	-296.7	1 078.6	1995	96 07 - GPP
124	4.03	0.270	0.20	0.94	20	885	28	7 015	-244.4	1 021.9	1992	97 12 - GPP
145	3.96	0.230	0.28	0.97	15	888	34	6 818	-227.2	1 031.3	1989	93 12 - GPP
4	2.00	0.200	0.33	0.96	14	868	33	6 271	-273.5	1 050.0	1993	96 07 - GPP
436	6.20	0.260	0.20	0.94	18	888	34	6 448	-260.8	988.5	1991	97 04 - GPP
16	4.01	0.230	0.40	0.96	14	868	33	6 148	-202.7	950.1	1993	94 08 - GPP
4	3.60	0.260	0.28	0.96	14	868	33	6 778	-222.4	1 018.0	1993	94 08 - GPP
16	2.50	0.250	0.25	0.90	28	888	39	7 497	-312.6	1 086.3	1993	94 10 - GPP
16	2.70	0.280	0.38	0.96	14	868	33	6 198	-212.1	976.7	1994	97 12 - GPP
143	2.30	0.260	0.33	0.91	33	862	40	7 243	-292.8	1 073.6	1994	96 08 - GPP
48	1.79	0.250	0.38	0.90	38	888	30	6 633	-293.3	1 066.8	1995	97 11 - GPP
64	2.02	0.240	0.45	0.93	29	899	35	6 976	-275.6	1 059.8	1995	96 08 - GPP
16	1.50	0.280	0.29	0.91	29	880	33	5 319	-170.9	921.3	1996	96 11 - GPP
16	1.00	0.210	0.38	0.94	22	860	40	7 012	-297.0	1 070.0	1996	96 09 - GPP
32	4.01	0.250	0.35	0.93	31	880	34	7 280	-230.6	991.0	1995	96 10 - GPP
48	3.90	0.270	0.19	0.94	25	876	30	6 751	-219.2	1 023.5	1996	96 10 - GPP
100	2.13	0.240	0.30	0.89	45	870	35	4 745	-267.2	998.8	1996	96 11 - GPP
8	3.58	0.260	0.31	0.94	23	888	35		-211.9	972.1	1996	97 12
32	2.00	0.190	0.47	0.94	25	875	30		-293.9	1 078.6	1996	97 05 - GPP
12	6.21	0.230	0.42	0.96	15	867	33		-205.9	969.4	1996	97 07 - GPP
8	3.76	0.250	0.38	0.96	17	897	35		-247.5	1 024.4	1996	97 08 - GPP
32	4.22	0.230	0.36	0.97	9	935	28	7 141	-271.7	1 050.8	1988	89 04
64	2.20	0.030	0.45	0.89	41	903	41	8 410	-262.2	1 016.2	1980	91 09 - ABAND 85 12
65	5.49	0.070	0.40	0.80	25	855	40	7 812	-357.0	1 131.4	1973	76 12 - ABAND 91 08
128	1.11	0.150	0.26	0.80	125	881	50	13 235	-818.6	1 466.8	1994	97 02 - ABAND 96 12
64	7.00	0.060	0.19	0.57	246	822	88	27 707	-1 986.5	2 610.0	1983	96 07
100	14.10	0.070	0.17	0.56	247	825	82	28 575	-2 058.4	2 682.2	1983	96 07 - GPP
64	8.00	0.052	0.22	0.63	212	801	80	28 780	-2 087.8	2 722.7	1987	88 12 - ABAND 90 11
64	4.00	0.160	0.22	0.59	222	828	100		-2 402.2	3 067.3	1996	97 10 - GPP

TABLE 2-6

FIELD POOL	1	2	3	4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
QUEENSTOWN 019-22W4								
UPPER MANNVILLE A	134.0	0.10		13.4		13.4	0.1	13.3
GLAUCONITIC A	579.0	0.15		86.9		86.9	76.2	10.7
GLAUCONITIC B	809.0	0.15		121.0		121.0	81.3	39.7
GLAUCONITIC D	75.1	<0.02		1.5		1.5	1.0	0.5
GLAUCONITIC E	75.9	<0.03		2.1		2.1	2.1	
GLAUCONITIC F	142.0	0.10		14.2		14.2	4.0	10.2
GLAUCONITIC I	12.4	<0.03		0.3		0.3	0.3	
GLAUCONITIC K	152.0	0.10		15.2		15.2	1.5	13.7
GLAUCONITIC L	210.0	0.15		31.5		31.5	25.2	6.3
GLAUCONITIC M	307.0	0.08		24.6		24.6	7.6	17.0
GLAUCONITIC N	109.0	0.15		16.4		16.4	4.3	12.1
GLAUCONITIC O	58.8	0.08		4.7		4.7	1.3	3.4
GLAUCONITIC P	46.4	<0.01		0.1		0.1	0.1	
GLAUCONITIC R	156.0	0.15		23.4		23.4	7.2	16.2
GLAUCONITIC U	365.0	0.15		54.8		54.8	8.2	46.6
GLAUCONITIC V	969.0	0.10		96.9		96.9	14.0	82.9
GLAUCONITIC W	747.0	0.20		149.0		149.0	77.6	71.4
GLAUCONITIC X	28.2	0.20		5.6		5.6	0.2	5.4
OSTRACOD B	25.5	0.10		2.6		2.6	1.9	0.7
ELLERSLIE A	49.7	<0.01		0.1		0.1	0.1	
ELLERSLIE B	141.0	<0.07		9.8		9.8	9.8	
ELLERSLIE C	55.7	0.01		0.6		0.6	0.6	
ELLERSLIE D	757.0	0.20		151.0		151.0	57.8	93.2
ELLERSLIE E	131.0	0.20		26.2		26.2	20.7	5.5
ELLERSLIE F	100.0	0.15		15.0		15.0	10.6	4.4
ELLERSLIE G	230.0	<0.01		0.9		0.9	0.9	
ELLERSLIE J	31.2	<0.01		0.1		0.1	0.1	
ELLERSLIE K	237.0	0.15		35.6		35.6	23.6	12.0
ELLERSLIE M	81.9	0.15		12.3		12.3	2.2	10.1
ELLERSLIE O	100.0	0.10		10.0		10.0	0.1	9.9
FIELD TOTAL	6 915.8			925.8		925.8	440.6	485.2
RACOSTA 031-11W4								
VIKING A	94.3	<0.01		0.3		0.3	0.3	
UPPER MANNVILLE A	138.0	<0.02		1.4		1.4	1.4	
UPPER MANNVILLE B	121.0	<0.01		0.2		0.2	0.2	
BASAL QUARTZ A	750.0	0.16		120.0		120.0	95.9	24.1
ARCS A	73.5	<0.02		1.2		1.2	1.2	
FIELD TOTAL	1 176.8			123.1		123.1	99.0	24.1
RAINBOW 109-05W6								
SLAVE POINT B	373.0	0.10		37.3		37.3	16.2	21.1
SULPHUR POINT B WATER FLOOD	4 001.0	0.12	0.08	480.0	320.0	800.0	565.0	235.0
SULPHUR POINT C	642.0	0.08		51.4		51.4	45.0	6.4
SULPHUR POINT E	127.0	<0.01		0.1		0.1	0.1	
SULPHUR POINT L	130.0	<0.05		5.9		5.9	5.9	
SULPHUR POINT O	600.0	0.15		90.0		90.0	76.5	13.5
SULPHUR POINT R	40.4	<0.01		0.3		0.3	0.3	
SULPHUR POINT V	151.0	<0.09		13.3		13.3	13.3	
MUSKEG A	636.0	<0.08		46.1		46.1	46.1	
MUSKEG B	54.1	<0.13		6.7		6.7	6.7	
MUSKEG C WATER FLOOD	3 000.0	0.25	0.05	750.0	150.0	900.0	744.8	155.2
MUSKEG D	300.0	<0.02		5.9		5.9	5.9	
MUSKEG F	3 180.0	0.15		477.0		477.0	417.1	59.9
MUSKEG G	159.0	<0.04		5.5		5.5	5.5	
MUSKEG J	110.0	0.22		24.2		24.2	19.6	4.6
MUSKEG K WATER FLOOD	705.0	0.15	0.05	106.0	35.3	141.0	109.8	31.2
MUSKEG M	632.0	0.10		63.2		63.2	35.9	27.3
MUSKEG N	2 000.0	0.08		160.0		160.0	133.1	26.9
MUSKEG O	6 695.0	0.07		469.0		469.0	413.9	55.1
MUSKEG P	135.0	<0.06		7.3		7.3	7.3	
MUSKEG R	52.5	<0.01		0.1		0.1	0.1	
MUSKEG S WATER FLOOD	2 000.0	0.15	0.10	300.0	200.0	500.0	475.0	25.0
MUSKEG T	493.0	0.15		74.0		74.0	45.5	28.5
MUSKEG Y	455.0	0.08		36.4		36.4	28.6	7.8
MUSKEG Z	61.8	<0.04		2.1		2.1	2.1	
MUSKEG AA	127.0	0.15		19.1		19.1	10.7	8.4
MUSKEG BB	197.0	0.20		39.4		39.4	33.5	5.9
MUSKEG CC	253.0	0.02		5.1		5.1	2.7	2.4

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
16	15.50	0.120	0.47	0.85	59	875	40	11 166	-462.9	1 387.6	1995	96 07
175	3.13	0.210	0.31	0.73	120	836	46	12 907	-504.9	1 381.5	1990	95 12 - GPP
229	2.57	0.210	0.23	0.85	70	871	39	12 722	-489.6	1 455.9	1992	97 12 - GPP
16	3.90	0.200	0.30	0.86	65	868	40	11 531	-500.2	1 382.0	1993	96 12 - GPP
64	2.14	0.110	0.40	0.84	74	870	38	11 872	-527.0	1 409.7	1978	90 12 - ABAND 85 10
64	1.99	0.180	0.28	0.86	66	868	40	12 173	-526.7	1 394.8	1993	94 04 - GPP
16	1.00	0.130	0.30	0.85	65	868	40	13 889	-497.9	1 370.8	1993	96 07
32	5.50	0.130	0.20	0.83	73	845	40	12 952	-510.8	1 379.8	1992	94 04 - GPP
16	9.00	0.220	0.23	0.86	66	871	32	12 838	-506.1	1 389.8	1994	94 07 - GPP
32	12.10	0.140	0.31	0.82	73	845	40	13 223	-546.9	1 459.5	1994	96 08 - GPP
32	3.20	0.200	0.35	0.82	73	845	40	12 768	-495.7	1 432.9	1994	94 10 - GPP
16	5.00	0.140	0.36	0.82	73	845	40	11 932	-455.4	1 409.8	1994	96 08 - GPP
16	3.00	0.200	0.41	0.82	73	845	40	12 996	-516.7	1 407.3	1994	96 07 - GPP
32	3.30	0.220	0.18	0.82	73	845	40	12 400	-505.8	1 421.4	1994	95 03 - GPP
64	4.00	0.210	0.21	0.86	65	868	40	12 884	-511.8	1 431.0	1994	95 05 - GPP
174	7.90	0.150	0.46	0.87	58	871	39	12 594	-473.8	1 431.9	1994	97 12 - GPP
93	5.70	0.210	0.22	0.86	65	868	31	12 923	-500.6	1 388.7	1994	95 10
32	1.00	0.160	0.36	0.86	65	868	40	11 543	-501.6	1 402.5	1994	95 10
64	0.50	0.140	0.40	0.95	17	875	32	12 441	-507.9	1 394.8	1994	95 02 - GPP
64	2.00	0.090	0.48	0.83	83	838	45	13 590	-556.6	1 463.2	1987	88 07 - ABAND 89 11
64	2.15	0.160	0.20	0.80	80	861	45	12 259	-506.1	1 388.5	1963	93 01 - ABAND 92 10
64	0.80	0.200	0.36	0.85	59	877	41	12 406	-519.1	1 452.5	1989	89 09 - ABAND 90 03
476	1.40	0.180	0.23	0.82	79	861	45	13 238	-523.1	1 413.7	1976	93 10
64	2.52	0.180	0.45	0.82	79	861	45	12 902	-483.4	1 467.0	1992	94 03 - GPP
91	1.12	0.190	0.37	0.82	79	861	45	12 767	-489.8	1 434.7	1992	94 06 - GPP
128	2.54	0.150	0.47	0.89	79	867	33	13 001	-516.1	1 423.6	1992	96 07
16	2.00	0.180	0.34	0.82	79	861	45	12 111	-488.2	1 455.7	1993	96 07
128	1.73	0.150	0.25	0.95	79	861	45	13 427	-556.5	1 453.0	1993	97 07
32	3.00	0.160	0.35	0.82	79	861	45	11 935	-593.9	1 565.0	1994	94 12
32	5.00	0.150	0.49	0.82	79	861	45	13 439	-498.6	1 439.5	1995	95 09
64	2.47	0.134	0.50	0.89	37	852	27	7 634	-124.7	895.1	1980	84 12 - ABAND 83 08
32	4.50	0.180	0.38	0.86	55	871	39	5 804	-266.0	1 048.4	1981	94 06 - ABAND 93 09
32	4.00	0.180	0.38	0.85	64	871	38	7 532	-273.7	1 048.2	1978	94 06 - ABAND 93 09
256	2.53	0.240	0.44	0.86	65	868	36	8 855	-284.6	1 079.3	1979	97 12 - GPP
16	4.70	0.130	0.20	0.94	14	839	44	8 157	-379.3	1 149.5	1993	96 07 - GPP
64	9.80	0.110	0.40	0.90	45	854	40	12 551	-887.4	1 241.6	1970	84 03 - GPP
733	10.83	0.091	0.22	0.71	101	834	72	14 461	-1 113.7	1 547.6	1967	92 06
192	5.37	0.100	0.18	0.76	121	839	68	15 625	-1 143.5	1 593.1	1965	93 12 - GPP
65	6.10	0.055	0.25	0.78	89	849	74	14 535	-1 122.7	1 641.5	1967	71 03 - ABAND 95 02
65	5.79	0.080	0.45	0.79	75	844	94	15 299	-1 183.2	1 671.8	1969	94 11 - ABAND 90 06
41	17.30	0.112	0.09	0.83	65	839	81	17 045	-1 247.4	1 739.3	1967	93 05
16	6.00	0.065	0.21	0.82	76	838	68	15 666	-1 149.1	1 618.3	1989	96 07 - GPP
32	9.00	0.090	0.18	0.71	100	695	83	15 257	-1 186.5	1 726.5	1967	96 12 - GPP
119	7.22	0.097	0.08	0.83	56	844	86	15 200	-1 229.6	1 762.7	1966	95 12 - ABAND 93 08
16	11.43	0.050	0.20	0.74	107	820	82	15 546	-1 196.0	1 659.9	1966	76 12 - ABAND 79 04
450	11.60	0.089	0.15	0.76	92	834	84	16 678	-1 154.6	1 589.3	1967	94 12 - GPP
81	9.14	0.060	0.10	0.75	105	834	77	14 679	-1 123.9	1 625.3	1967	84 12 - ABAND 93 08
970	9.14	0.057	0.15	0.74	103	825	88	15 625	-1 189.5	1 644.8	1965	76 08 - GPP
81	5.76	0.050	0.15	0.80	56	834	86	14 632	-1 132.0	1 604.2	1967	79 04 - ABAND 79 04
36	6.10	0.080	0.15	0.74	108	825	88	16 101	-1 243.2	1 726.9	1973	97 12 - GPP
87	13.40	0.080	0.10	0.84	129	884	82	17 004	-1 234.7	1 707.6	1977	94 12 - GPP
128	15.80	0.050	0.20	0.78	87	845	84	15 458	-1 282.6	1 765.9	1982	89 09 - GPP
526	8.08	0.070	0.17	0.81	62	834	86	20 332	-1 293.3	1 864.0	1982	96 08
704	17.47	0.080	0.16	0.81	61	832	80	18 672	-1 337.3	1 838.2	1968	95 08
64	5.80	0.060	0.20	0.76	85	828	84	16 397	-1 304.0	1 804.0	1965	96 07 - GPP
64	3.00	0.060	0.40	0.76	95	838	85	14 952	-1 185.1	1 621.5	1984	88 12 - ABAND 93 06
189	14.00	0.100	0.10	0.84	50	829	82	17 634	-1 336.9	1 826.7	1967	94 12 - GPP
103	11.86	0.060	0.20	0.84	56	833	81	20 392	-1 372.8	1 866.7	1968	87 12 - GPP
150	6.03	0.073	0.16	0.82	60	835	80	21 142	-1 280.8	1 775.5	1984	92 11 - GPP
16	7.70	0.076	0.12	0.75	99	825	88	17 020	-1 237.2	1 725.1	1970	96 07
32	11.34	0.060	0.28	0.81	62	840	86	20 159	-1 315.1	1 837.4	1986	96 12 - GPP
64	6.70	0.070	0.16	0.78	140	840	87	16 852	-1 247.3	1 737.8	1984	96 12
64	9.50	0.070	0.14	0.69	129	840	82	20 814	-1 238.3	1 722.8	1983	95 02

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
		PRIMARY frac	ENHANCED frac	PRIMARY 10^3m^3	ENHANCED 10^3m^3	TOTAL 10^3m^3		
RAINBOW 109-05W6 (CONTINUED)								
MUSKEG EE	113.0	0.15		17.0		17.0	11.6	5.4
MUSKEG FF	127.0	<0.02		1.4		1.4	1.4	
MUSKEG GG	46.2	<0.15		6.6		6.6	6.6	
MUSKEG HH	44.8	0.30		13.4		13.4	6.9	6.5
MUSKEG JJ	8.3	<0.09		0.7		0.7	0.7	
MUSKEG LL	85.4	0.10		8.5		8.5	2.4	6.1
MUSKEG II & KEG RIVER K	2 200.0	0.45		990.0		990.0	892.9	97.1
KEG RIVER A SOLVENT FLOOD	14 320.0	0.50	0.23	7 160.0	3 294.0	10 450.0	10 152.1	297.9
KEG RIVER B SOLVENT FLOOD	43 000.0	0.40	0.32	17 200.0	13 600.0	30 800.0	22 529.4	8 270.6
KEG RIVER D SOLVENT FLOOD	1 130.0	0.40	0.30	452.0	339.0	791.0	748.0	43.0
KEG RIVER E SOLVENT FLOOD	4 520.0	0.35	0.28	1 582.0	1 266.0	2 848.0	2 595.6	252.4
KEG RIVER F TOTAL	37 000.0			15 690.0	3 601.0	19 290.0	17 597.5	1 692.5
SOLVENT FLOOD AREA	4 180.0	0.42	0.18	1 772.0	778.0	2 550.0		
GAS FLOOD AREA	32 820.0	0.42	0.08	13 920.0	2 823.0	16 740.0		
KEG RIVER G SOLVENT FLOOD	2 479.0	0.42	0.41	1 063.0	1 019.0	2 082.0	2 060.3	21.7
KEG RIVER H SOLVENT FLOOD	3 257.0	0.40	0.30	1 303.0	977.0	2 280.0	1 657.1	622.9
KEG RIVER I WATER FLOOD	5 500.0	0.37	0.18	2 035.0	990.0	3 025.0	2 891.7	133.3
KEG RIVER M	477.0	<0.29		137.3		137.3	137.3	
KEG RIVER N GAS FLOOD	2 940.0	0.30	0.13	882.0	397.0	1 279.0	1 152.5	126.5
KEG RIVER O SOLVENT FLOOD	6 200.0	0.40	0.30	2 480.0	1 860.0	4 340.0	4 127.2	212.8
KEG RIVER P	795.0	<0.21		164.5		164.5	164.5	
KEG RIVER Q	382.0	0.25		95.5		95.5	54.6	40.9
KEG RIVER R	70.2	0.20		14.0		14.0	4.5	9.5
KEG RIVER S	2 110.0	0.38		802.0		802.0	769.5	32.5
KEG RIVER T SOLVENT FLOOD	3 500.0	0.35	0.23	1 225.0	805.0	2 030.0	1 930.4	99.6
KEG RIVER U	3 472.0	0.45		1 562.0		1 562.0	1 299.6	262.4
KEG RIVER V	41.9	<0.01		0.4		0.4	0.4	
KEG RIVER W	343.0	<0.09		30.4		30.4	30.4	
KEG RIVER X	780.0	0.50		390.0		390.0	365.1	24.9
KEG RIVER Y	28.5	<0.06		1.5		1.5	1.5	
KEG RIVER Z SOLVENT FLOOD	3 500.0	0.32	0.28	1 120.0	980.0	2 100.0	2 021.0	79.0
KEG RIVER AA SOLVENT FLOOD	11 000.0	0.45	0.25	4 950.0	2 750.0	7 700.0	7 340.5	359.5
KEG RIVER DD	585.0	0.25		146.0		146.0	108.4	37.6
KEG RIVER EE WATER FLOOD	3 521.0	0.35	0.28	1 232.0	986.0	2 218.0	2 159.6	58.4
KEG RIVER FF SOLVENT FLOOD	2 500.0	0.42	0.31	1 050.0	775.0	1 825.0	1 435.5	389.5
KEG RIVER GG	1 786.0	0.70		1 250.0		1 250.0	1 070.8	179.2
KEG RIVER HH	186.0	<0.02		3.2		3.2	3.2	
KEG RIVER II SOLVENT FLOOD	3 800.0	0.45	0.20	1 710.0	760.0	2 470.0	2 221.2	248.8
KEG RIVER JJ WATER FLOOD	1 360.0	0.27	0.12	367.0	163.0	530.0	511.4	18.6
KEG RIVER KK WATER FLOOD	787.0	0.20	0.07	157.0	55.1	212.0	209.0	3.0
KEG RIVER LL	1 590.0	0.25		398.0		398.0	304.9	93.1
KEG RIVER MM	1 840.0	0.25		460.0		460.0	357.7	102.3
KEG RIVER NN	679.0	0.20		136.0		136.0	120.3	15.7
KEG RIVER OO WATER FLOOD	2 840.0	0.35	0.05	994.0	142.0	1 136.0	1 072.4	63.6
KEG RIVER PP TOTAL	953.0			334.0	44.2	378.0	325.5	52.5
PRIMARY AREA	400.0	0.20		80.0		80.0		
WATER FLOOD AREA	553.0	0.46	0.08	254.0	44.2	298.0		
KEG RIVER RR WATER FLOOD	413.0	0.40	0.13	165.0	53.7	219.0	215.6	3.4
KEG RIVER SS	477.0	0.23		110.0		110.0	62.1	47.9
KEG RIVER TT	41.0	<0.02		0.5		0.5	0.5	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
64	7.30	0.045	0.22	0.69	129	856	82	16 388	-1 270.9	1 752.8	1987	87 12 - GPP
32	7.00	0.090	0.16	0.75	99	825	88	15 157	-1 332.3	1 804.8	1989	95 09 - ABAND 95 06
16	5.00	0.100	0.22	0.74	107	821	82	14 148	-1 163.6	1 669.6	1967	96 07 - GPP
32	3.25	0.070	0.24	0.81	62	834	86	16 804	-1 221.1	1 835.9	1985	91 12 - GPP
16	1.00	0.080	0.12	0.74	107	821	82	15 662	-1 203.3	1 785.3	1983	96 07
32	7.50	0.060	0.22	0.76	94	832	84	17 618	-1 117.5	1 637.3	1983	96 08 - GPP
511	26.21	0.030	0.26	0.74	106	815	88	15 933	-1 243.2	1 783.7	1966	97 12 - GPP
253	90.22	0.101	0.10	0.69	141	811	84	18 552	-1 421.7	1 956.2	1965	94 08 - GPP
1 090	69.12	0.080	0.13	0.82	62	834	85	17 730	-1 339.4	1 822.5	1965	84 07 - GPP
34	46.32	0.100	0.08	0.78	77	825	82	17 361	-1 416.8	1 906.0	1966	95 12 - GPP
72	79.89	0.117	0.08	0.73	95	829	83	17 508	-1 353.0	1 825.6	1966	94 08 - GPP
1 362					135	815	85	17 412	-1 363.8	1 849.7	1966	97 04 - GPP
291	32.53	0.080	0.20	0.69								
1 071	69.40	0.080	0.20	0.69								
65	69.10	0.080	0.08	0.75	85	829	83	17 846	-1 389.3	1 868.1	1966	97 03 - GPP
76	63.32	0.094	0.10	0.80	78	829	84	20 613	-1 425.6	1 908.7	1966	95 05 - GPP
241	68.76	0.055	0.15	0.71	122	820	79	16 425	-1 279.6	1 739.3	1966	91 09 - GPP
106	16.40	0.047	0.22	0.75	106	797	84	15 557	-1 220.6	1 680.0	1966	97 12 - ABAND 97 07
486	28.31	0.037	0.25	0.77	87	815	84	15 869	-1 237.2	1 837.8	1966	93 03 - GPP
281	61.26	0.060	0.13	0.69	135	815	84	16 654	-1 294.6	1 848.1	1966	94 08 - GPP
40	34.12	0.085	0.11	0.77	88	834	83	16 552	-1 423.0	1 875.7	1967	96 07 - GPP
64	18.87	0.073	0.15	0.51	295	765	82	16 943	-1 328.0	1 791.9	1967	88 10 - GPP
20	12.19	0.045	0.20	0.80	76	855	87	15 521	-1 211.3	1 727.3	1967	97 09 - GPP
342	17.75	0.055	0.19	0.78	87	825	85	15 821	-1 206.8	1 746.0	1966	84 12 - GPP
90	63.44	0.086	0.12	0.81	78	844	86	16 649	-1 266.2	1 770.9	1967	97 12 - GPP
250	34.88	0.060	0.16	0.79	79	844	88	15 549	-1 217.0	1 736.7	1966	97 12
32	5.49	0.048	0.29	0.70	99	844	87	14 944	-1 161.0	1 502.4	1966	68 05 - ABAND 91 01
38	21.95	0.066	0.19	0.77	93	811	77	15 854	-1 233.6	1 864.5	1967	96 07 - GPP
83	17.39	0.090	0.13	0.69	131	815	87	15 588	-1 206.9	1 621.9	1966	96 03 - GPP
64	5.79	0.020	0.45	0.70	126	820	87	15 026	-1 163.2	1 561.3	1966	88 12
181	45.86	0.076	0.27	0.76	86	834	86	16 024	-1 204.4	1 614.5	1967	92 05 - GPP
291	68.59	0.086	0.11	0.72	92	829	84	16 614	-1 283.4	1 705.3	1967	88 11 - GPP
134	18.42	0.040	0.25	0.79	80	820	87	15 363	-1 210.5	1 793.9	1967	95 12 - GPP
409	36.30	0.040	0.23	0.77	88	834	86	15 240	-1 195.2	1 682.1	1967	94 06 - GPP
92	46.13	0.085	0.10	0.77	86	839	87	15 900	-1 223.3	1 719.0	1967	87 08 - GPP
400	22.55	0.033	0.20	0.75	81	784	93	16 085	-1 225.0	1 710.9	1966	96 09 - GPP
16	42.06	0.046	0.25	0.80	85	820	84	17 967	-1 391.7	1 881.5	1967	89 12 - ABAND 90 03
104	56.90	0.100	0.12	0.73	85	820	89	17 628	-1 344.6	1 832.7	1967	91 11 - GPP
51	48.41	0.085	0.10	0.72	110	815	90	17 217	-1 326.1	1 809.5	1967	92 12 - GPP
154	22.41	0.040	0.25	0.76	74	779	94	16 352	-1 253.3	1 742.5	1967	96 09 - GPP
304	35.92	0.026	0.30	0.80	68	797	86	15 599	-1 197.3	1 612.8	1967	88 12 - GPP
518	25.13	0.027	0.32	0.77	81	855	84	15 506	-1 163.5	1 680.7	1967	92 06 - GPP
166	13.01	0.053	0.23	0.77	70	806	86	15 393	-1 194.1	1 612.9	1967	91 12 - GPP
421	18.99	0.057	0.18	0.76	92	825	85	14 844	-1 118.0	1 553.9	1967	94 12 - GPP
128					106	784	94	15 572	-1 207.3	1 669.5	1967	89 12
64	32.90	0.033	0.20	0.72								
64	39.46	0.038	0.20	0.72								- GPP
39	24.40	0.070	0.15	0.73	98	779	93	15 976	-1 249.9	1 740.3	1968	97 09 - GPP
47	28.65	0.054	0.20	0.82	57	834	87	15 285	-1 185.5	1 711.5	1968	97 12 - GPP
36	10.15	0.023	0.35	0.75	108	797	83	15 619	-1 213.9	1 670.5	1966	77 09 - ABAND 78 09

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10³m³	frac	frac	10³m³	10³m³	10³m³	10³m³	10³m³
RAINBOW 109-05W6 (CONTINUED)								
KEG RIVER VV WATER FLOOD	319.0	<0.35	0.07	112.0	23.3	135.3	135.3	
KEG RIVER WW	479.0	<0.14		63.5		63.5	63.5	
KEG RIVER XX	183.0	<0.15		27.3		27.3	27.3	
KEG RIVER ZZ	300.0	0.45		135.0		135.0	126.4	8.6
KEG RIVER BBB	600.0	0.16		96.0		96.0	92.2	3.8
KEG RIVER CCC	556.0	0.30		167.0		167.0	163.6	3.4
KEG RIVER DDD WATER FLOOD	700.0	0.23	0.07	161.0	49.0	210.0	177.0	33.0
KEG RIVER EEE SOLVENT FLOOD	1 580.0	<0.40	0.08	630.0	140.0	770.0	757.2	12.8
KEG RIVER GGG	512.0	0.40		205.0		205.0	162.9	42.1
KEG RIVER HHH	254.0	<0.10		25.1		25.1	25.1	
KEG RIVER JJJ	300.0	0.16		48.0		48.0	38.3	9.7
KEG RIVER KKK	160.0	0.30		48.0		48.0	36.7	11.3
KEG RIVER LLL	378.0	<0.10		36.0		36.0	36.0	
KEG RIVER MMM	127.0	0.10		12.7		12.7	3.2	9.5
KEG RIVER NNN	92.9	<0.02		1.1		1.1	1.1	
KEG RIVER OOO WATER FLOOD	234.0	0.20	0.10	46.8	23.4	70.2	68.3	1.9
KEG RIVER QQQ	1 301.0	0.20		260.0		260.0	248.5	11.5
KEG RIVER SSS	195.0	0.30		58.6		58.6	55.8	2.8
KEG RIVER TTT	497.0	0.44		219.0		219.0	169.7	49.3
KEG RIVER UUU	111.0	0.38		42.2		42.2	33.5	8.7
KEG RIVER VVV	137.0	0.10		13.7		13.7	10.0	3.7
KEG RIVER WWW	377.0	<0.04		11.8		11.8	11.8	
KEG RIVER XXX	58.4	0.05		2.9		2.9	2.9	
KEG RIVER YYY	140.0	<0.11		14.3		14.3	14.3	
KEG RIVER ZZZ	51.1	<0.03		1.1		1.1	1.1	
KEG RIVER A2A	80.7	<0.13		10.0		10.0	10.0	
KEG RIVER B2B	132.0	<0.02		1.4		1.4	1.4	
KEG RIVER C2C WATER FLOOD	2 540.0	0.35	0.05	889.0	127.0	1 016.0	902.2	113.8
KEG RIVER D2D	90.0	<0.04		3.4		3.4	3.4	
KEG RIVER E2E	93.6	0.48		44.9		44.9	23.8	21.1
KEG RIVER F2F	26.9	<0.14		3.7		3.7	3.7	
KEG RIVER G2G	32.4	0.01		0.3		0.3	0.3	
KEG RIVER H2H GAS FLOOD	200.0	0.35	0.10	70.0	20.0	90.0	80.8	9.2
KEG RIVER I2I	147.0	0.30		44.1		44.1	37.9	6.2
KEG RIVER J2J	36.6	<0.01		0.1		0.1	0.1	
KEG RIVER K2K	180.0	<0.05		8.1		8.1	8.1	
KEG RIVER L2L	56.8	<0.01		0.2		0.2	0.2	
KEG RIVER M2M	200.0	<0.02		2.9		2.9	2.9	
KEG RIVER N2N	139.0	0.20		27.8		27.8	19.7	8.1
KEG RIVER O2O	1 300.0	0.35		455.0		455.0	406.2	48.8
KEG RIVER P2P	112.0	<0.02		1.9		1.9	1.9	
KEG RIVER Q2Q	280.0	0.30		84.0		84.0	62.8	21.2
KEG RIVER R2R	20.8	<0.05		0.9		0.9	0.9	
KEG RIVER S2S	322.0	0.10		32.2		32.2	19.2	13.0
KEG RIVER T2T	63.8	<0.02		0.8		0.8	0.8	
KEG RIVER U2U	99.3	0.15		14.9		14.9	11.4	3.5
KEG RIVER V2V	158.0	<0.06		8.6		8.6	8.6	
KEG RIVER W2W	47.7	0.01		0.5		0.5	0.5	
KEG RIVER X2X	22.2	<0.24		5.2		5.2	5.2	
KEG RIVER Y2Y	1 000.0	0.28		280.0		280.0	275.4	4.6
KEG RIVER Z2Z	650.0	0.40		260.0		260.0	251.2	8.8
KEG RIVER B3B	864.0	0.40		346.0		346.0	316.4	29.6
KEG RIVER C3C	54.0	0.10		5.4		5.4	5.4	
KEG RIVER D3D	354.0	<0.01		3.5		3.5	3.5	
KEG RIVER E3E	161.0	<0.01		1.4		1.4	1.4	
KEG RIVER F3F	89.5	0.20		17.9		17.9	1.3	16.6
KEG RIVER G3G	64.2	<0.07		4.4		4.4	4.4	
KEG RIVER H3H	84.2	<0.02		1.6		1.6	1.6	
KEG RIVER I3I	500.0	0.10		50.0		50.0	22.4	27.6
KEG RIVER J3J	77.9	0.25		19.5		19.5	16.5	3.0
KEG RIVER K3K	25.0	<0.04		0.8		0.8	0.8	
KEG RIVER L3L	77.0	<0.03		2.3		2.3	2.3	
KEG RIVER M3M	245.0	<0.01		0.1		0.1	0.1	
KEG RIVER N3N	64.0	0.20		12.8		12.8	12.8	
KEG RIVER O3O	135.0	<0.03		4.0		4.0	4.0	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
71	22.00	0.040	0.25	0.68	74	834	73	16 206	-1 253.2	1 750.3	1968	94 09 - ABAND 94 03
50	58.49	0.030	0.30	0.78	81	849	82	15 223	-1 174.4	1 510.0	1968	96 07 - GPP
39	19.04	0.040	0.20	0.77	75	825	84	15 571	-1 204.2	1 747.4	1968	91 12 - ABAND 91 03
45	27.43	0.040	0.22	0.78	84	834	87	15 153	-1 180.7	1 518.3	1968	93 12 - GPP
106	30.25	0.032	0.24	0.77	95	839	82	15 881	-1 235.6	1 579.4	1968	96 04 - GPP
41	40.39	0.050	0.15	0.79	89	839	80	15 614	-1 227.7	1 562.7	1968	96 08 - GPP
50	40.63	0.054	0.15	0.75	55	834	87	15 462	-1 175.0	1 579.3	1968	90 12 - GPP
21	75.40	0.147	0.07	0.73	95	839	86	17 730	-1 382.2	1 872.0	1968	95 12 - GPP
154	14.39	0.040	0.25	0.77	85	834	82	15 083	-1 174.3	1 510.9	1968	91 06 - GPP
303	9.69	0.018	0.40	0.80	68	797	84	14 796	-1 182.5	1 590.0	1967	96 07 - GPP
41	48.40	0.025	0.27	0.83	68	839	86	15 176	-1 188.6	1 527.5	1969	96 08 - GPP
11	40.84	0.053	0.15	0.79	82	834	88	15 760	-1 238.4	1 886.4	1969	97 12 - GPP
69	35.84	0.025	0.27	0.84	55	844	87	15 065	-1 163.6	1 508.9	1969	92 10 - ABAND 93 01
12	31.50	0.050	0.15	0.79	66	834	86	15 146	-1 231.0	1 876.0	1969	96 12 - GPP
16	33.83	0.033	0.35	0.80	67	839	79	15 056	-1 162.3	1 611.2	1969	96 12
81	9.91	0.045	0.20	0.81	64	811	97	16 013	-1 259.7	1 748.9	1970	93 12 - GPP
285	13.80	0.053	0.22	0.80	55	811	90	15 369	-1 190.9	1 612.3	1968	96 12 - GPP
65	10.06	0.047	0.16	0.76	101	825	84	15 643	-1 236.4	1 687.5	1972	73 12 - GPP
64	21.03	0.060	0.20	0.77	89	811	88	15 782	-1 241.6	1 862.5	1973	97 12 - GPP
31	12.41	0.048	0.20	0.76	92	815	83	15 545	-1 237.9	1 687.8	1974	97 12 - GPP
65	8.75	0.043	0.27	0.77	85	834	89	14 692	-1 157.6	1 491.4	1970	85 04 - GPP
32	54.00	0.040	0.30	0.78	81	810	87	14 963	-1 176.3	1 579.0	1980	89 12 - GPP
16	12.00	0.050	0.20	0.76	104	815	72	13 935	-1 142.2	1 538.5	1982	82 07 - ABAND 91 02
45	50.00	0.020	0.60	0.78	81	783	93	12 972	-1 206.1	1 625.0	1982	96 04 - ABAND 95 03
16	15.00	0.040	0.28	0.74	105	803	45	14 674	-1 183.0	1 584.4	1983	84 05 - ABAND 89 03
16	11.50	0.060	0.13	0.84	100	824	86	15 588	-1 190.6	1 692.8	1984	84 06 - ABAND 88 09
64	19.76	0.020	0.32	0.76	69	834	88	14 866	-1 168.1	1 680.3	1982	88 12 - ABAND 97 10
71	74.15	0.080	0.10	0.67	140	815	84	20 529	-1 428.2	1 918.9	1966	94 12 - GPP
11	57.54	0.030	0.40	0.79	54	823	82	14 872	-1 173.1	1 572.8	1985	96 07 - GPP
64	19.00	0.020	0.45	0.70	112	800	100	16 817	-1 376.2	1 946.5	1985	97 12
16	16.50	0.020	0.37	0.81	54	820	94	14 452	-1 159.6	1 620.1	1985	86 03 - ABAND 90 12
16	31.00	0.013	0.38	0.81	64	820	65	12 880	-1 197.0	1 621.5	1985	89 12 - ABAND 91 01
57	9.70	0.060	0.12	0.68	143	817	87	16 343	-1 288.0	1 776.7	1968	96 09 - GPP
64	17.40	0.020	0.24	0.87	41	831	75	14 934	-1 156.8	1 596.6	1985	93 04 - GPP
16	34.00	0.016	0.50	0.84	53	820	81	14 239	-1 184.4	1 527.0	1985	88 12 - ABAND 90 03
50	12.24	0.053	0.27	0.76	70	818	88	14 894	-1 214.9	1 634.6	1985	92 10 - ABAND 91 11
16	10.50	0.051	0.15	0.78	81	828	84	13 704	-1 154.7	1 503.3	1986	86 06 - ABAND 88 02
49	37.12	0.021	0.32	0.77	93	812	84	14 722	-1 249.8	1 864.8	1985	96 07
64	26.40	0.020	0.45	0.75	86	786	90	13 965	-1 264.4	1 754.7	1984	90 10 - GPP
48	88.30	0.048	0.17	0.77	143	790	87	16 622	-1 386.2	1 889.9	1986	87 12
64	23.00	0.019	0.40	0.67	143	780	87	14 936	-1 332.5	1 836.5	1986	89 12
64	12.00	0.055	0.16	0.79	108	817	87	14 578	-1 227.5	1 684.0	1986	91 12 - GPP
32	11.00	0.011	0.33	0.80	55	760	90	15 175	-1 225.2	1 650.5	1986	89 12 - ABAND 91 01
64	14.00	0.057	0.18	0.77	85	846	81	16 453	-1 308.6	1 793.8	1968	92 12 - GPP
16	57.00	0.016	0.44	0.78	81	843	84	13 801	-1 179.2	1 525.5	1986	91 10 - ABAND 90 03
16	40.50	0.025	0.27	0.84	53	848	81	12 882	-1 178.1	1 516.3	1986	97 12 - GPP
64	59.00	0.010	0.45	0.76	91	837	87	15 174	-1 195.9	1 599.0	1986	94 06 - ABAND 94 02
16	36.00	0.017	0.35	0.75	85	835	82	14 274	-1 177.5	1 516.0	1986	89 12 - ABAND 90 12
16	32.60	0.012	0.50	0.71	180	757	95	16 957	-1 349.2	1 859.5	1987	96 07
39	64.71	0.063	0.15	0.74	90	821	88	16 885	-1 336.7	1 827.0	1987	94 12 - GPP
39	66.40	0.042	0.17	0.72	112	810	90	16 807	-1 347.7	1 840.0	1987	91 09 - GPP
192	26.90	0.031	0.30	0.77	98	817	88	15 662	-1 242.6	1 846.8	1987	94 12 - GPP
64	18.00	0.010	0.30	0.67	143	761	75	16 680	-1 323.0	1 831.0	1987	93 06 - ABAND 92 11
16	56.00	0.072	0.18	0.67	143	817	87	16 902	-1 358.9	1 851.9	1987	96 07 - ABAND 94 07
18	57.94	0.036	0.36	0.67	120	793	90	15 171	-1 336.4	1 832.8	1987	92 10 - ABAND 94 07
32	23.30	0.020	0.24	0.79	64	803	97	16 381	-1 258.6	1 750.4	1988	97 12
32	11.00	0.030	0.20	0.76	71	776	97	14 060	-1 235.3	1 687.0	1988	96 07 - GPP
16	56.00	0.017	0.30	0.79	54	810	82	15 246	-1 195.0	1 601.0	1988	96 07 - GPP
39	36.20	0.070	0.17	0.61	143	817	87	17 023	-1 365.9	1 862.3	1988	90 10 - GPP
16	32.00	0.030	0.35	0.78	70	793	87	14 082	-1 215.6	1 631.0	1986	95 12 - GPP
16	19.30	0.018	0.43	0.79	76	829	87	15 727	-1 247.1	1 871.7	1988	96 07
16	29.00	0.030	0.30	0.79	76	829	87	15 634	-1 241.9	1 856.5	1988	94 11 - GPP
64	21.50	0.030	0.23	0.77	87	768	87	14 926	-1 163.8	1 571.3	1987	94 06 - ABAND 94 03
32	12.95	0.030	0.34	0.78	87	814	84	15 267	-1 210.5	1 788.5	1989	96 04 - ABAND 96 02
16	69.00	0.030	0.40	0.68	149	816	78	16 107	-1 389.0	1 887.5	1990	96 07 - GPP

TABLE 2-6

	1	2	3	4	5	6	7	8
FIELD POOL	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
RAINBOW 109-05W6 (CONTINUED)								
KEG RIVER P3P	98.0	0.35		34.3		34.3	21.6	12.7
KEG RIVER Q3Q	167.0	0.13		21.7		21.7	18.6	3.1
KEG RIVER R3R	190.0	0.25		47.5		47.5	42.8	4.7
KEG RIVER S3S	235.0	<0.06		13.9		13.9	13.9	
KEG RIVER U3U	89.3	0.13		11.6		11.6	4.3	7.3
KEG RIVER V3V	303.0	<0.01		1.0		1.0	1.0	
KEG RIVER W3W	106.0	0.23		24.4		24.4	20.4	4.0
KEG RIVER Y3Y	93.0	0.17		15.8		15.8	1.5	14.3
KEG RIVER Z3Z	143.0	0.30		42.9		42.9	13.5	29.4
KEG RIVER A4A	288.0	0.16		46.1		46.1	2.0	44.1
KEG RIVER B4B	183.0	<0.01		1.6		1.6	1.6	
KEG RIVER C4C	95.3	0.20		19.1		19.1	4.3	14.8
FIELD TOTAL	222 596.7			78 602.9	35 945.0	114 542.6	99 136.2	15 406.4
RAINBOW SOUTH 107-09W6								
SULPHUR POINT B	23.8	<0.05		1.0		1.0	1.0	
MUSKEG A	192.0	0.40		76.8		76.8	41.9	34.9
MUSKEG B	596.0	0.15		89.4		89.4	59.1	30.3
MUSKEG C	157.0	0.20		31.4		31.4	27.0	4.4
MUSKEG D	157.0	<0.08		11.1		11.1	11.1	
MUSKEG F	112.0	<0.01		0.2		0.2	0.2	
MUSKEG G	600.0	0.20		120.0		120.0	81.5	38.5
MUSKEG H WATER FLOOD	3 200.0	0.12	0.05	384.0	160.0	544.0	418.1	125.9
MUSKEG J	107.0	<0.07		7.0		7.0	7.0	
MUSKEG K	532.0	<0.12		62.6		62.6	62.6	
MUSKEG L	130.0	<0.03		3.0		3.0	3.0	
MUSKEG O	1 250.0	0.07		87.5		87.5	49.8	37.7
MUSKEG P	2 501.0	0.10		250.0		250.0	204.3	45.7
MUSKEG S	288.0	<0.09		24.5		24.5	24.5	
MUSKEG U	259.0	0.20		51.8		51.8	38.3	13.5
MUSKEG V	76.7	<0.05		3.2		3.2	3.2	
KEG RIVER A WATER FLOOD	5 720.0	0.24	0.08	1 373.0	457.0	1 830.0	1 771.7	58.3
KEG RIVER B SOLVENT FLOOD	7 890.0	0.44	0.20	3 472.0	1 578.0	5 050.0	4 426.5	623.5
KEG RIVER C	2 250.0	0.47		1 058.0		1 058.0	894.2	163.8
KEG RIVER D	649.0	0.45		292.0		292.0	123.2	168.8
KEG RIVER E SOLVENT FLOOD	7 700.0	0.29	0.16	2 233.0	1 232.0	3 465.0	2 635.8	829.2
KEG RIVER F WATER FLOOD	855.0	0.24	0.10	205.0	85.5	291.0	249.5	41.5
KEG RIVER G SOLVENT FLOOD	3 185.0	0.28	0.19	892.0	605.0	1 497.0	1 164.6	332.4
KEG RIVER J	514.0	0.20		103.0		103.0	94.8	8.2
KEG RIVER K	200.0	0.50		100.0		100.0	91.2	8.8
KEG RIVER L	95.2	<0.28		26.3		26.3	26.3	
KEG RIVER M	95.3	0.35		33.4		33.4	11.6	21.8
KEG RIVER N	3 000.0	0.12		360.0		360.0	304.0	56.0
KEG RIVER P	340.0	0.38		129.0		129.0	126.3	2.7
KEG RIVER S	584.0	0.40		233.0		233.0	228.0	5.0
KEG RIVER V	72.0	<0.22		15.6		15.6	15.6	
KEG RIVER X	185.0	<0.01		1.2		1.2	1.2	
KEG RIVER Y	342.0	0.20		68.4		68.4	37.2	31.2
KEG RIVER Z	225.0	0.45		101.0		101.0	16.9	84.1
KEG RIVER AA	65.2	0.10		6.5		6.5	0.8	5.7
FIELD TOTAL	44 148.2			11 905.9	4 117.5	16 023.9	13 252.0	2 771.9
RANDELL 077-11W5								
SLAVE POINT A	204.0	0.05		10.2		10.2	4.8	5.4
GILWOOD A	72.9	0.30		21.9		21.9	9.7	12.2
GILWOOD B	41.1	<0.04		1.4		1.4	1.4	
GILWOOD C	30.2	<0.08		2.4		2.4	2.4	
GILWOOD D	229.0	0.25		57.3		57.3	11.9	45.4
GILWOOD E	98.8	0.20		19.8		19.8	4.3	15.5
FIELD TOTAL	676.0			113.0		113.0	34.5	78.5

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
32	71.96	0.010	0.44	0.76	91	837	87	15 041	-1 195.0	1 705.9	1990	90 12 - GPP
32	34.50	0.030	0.28	0.70	131	800	91	13 918	-1 194.8	1 620.8	1990	96 08 - GPP
40	11.00	0.070	0.13	0.71	108	784	94	15 360	-1 261.6	1 753.9	1990	93 04 - GPP
32	58.30	0.040	0.63	0.85	41	835	84	15 299	-1 199.1	1 540.0	1991	97 12 - ABAND 97 08
16	36.00	0.030	0.32	0.76	69	834	88	14 331	-1 196.0	1 641.0	1992	96 08 - GPP
16	39.10	0.080	0.17	0.73	109	810	95	16 182	-1 324.7	1 810.5	1993	97 12 - ABAND 97 06
32	36.00	0.020	0.34	0.70	131	800	91	15 481	-1 259.7	1 760.0	1993	97 12 - GPP
16	22.50	0.040	0.15	0.76	91	837	87	15 463	-1 225.7	1 626.3	1994	96 08 - GPP
64	7.00	0.050	0.16	0.76	90	821	88	13 092	-1 234.1	1 701.5	1995	95 09 - GPP
64	41.70	0.020	0.30	0.77	85	850	73	14 962	-1 231.2	1 572.5	1995	96 04 - GPP
32	18.78	0.050	0.20	0.76	90	821	88	15 219	-1 227.1	1 563.0	1969	96 12 - GPP
16	38.50	0.030	0.33	0.77	95	843	77		-1 238.4	1 575.8	1996	97 05 - GPP
11	3.04	0.120	0.14	0.69	154	829	60	19 869	-1 316.1	1 814.8	1968	78 09
26	18.07	0.080	0.20	0.64	180	811	88	18 852	-1 406.3	1 893.4	1965	97 12 - GPP
168	4.73	0.120	0.12	0.71	121	825	84	18 191	-1 335.4	1 828.9	1966	95 12 - GPP
16	16.75	0.090	0.13	0.75	160	820	89	17 831	-1 387.0	1 883.8	1967	97 12 - GPP
32	9.54	0.080	0.15	0.75	107	820	82	17 780	-1 416.5	1 921.6	1968	88 12 - ABAND 88 08
16	16.70	0.080	0.25	0.70	124	825	72	18 054	-1 401.2	1 903.5	1968	78 04 - ABAND 79 10
63	19.78	0.080	0.14	0.70	160	825	90	18 021	-1 404.2	1 908.3	1978	86 09 - GPP
348	16.35	0.080	0.11	0.79	89	820	77	17 564	-1 385.0	1 858.5	1967	94 12 - GPP
32	8.00	0.070	0.12	0.68	130	802	78	17 491	-1 409.9	1 920.6	1979	83 05 - ABAND 85 12
153	7.00	0.084	0.13	0.68	160	789	90	16 678	-1 406.1	1 919.9	1978	96 07 - GPP
24	11.80	0.080	0.10	0.64	160	790	90	18 096	-1 465.0	2 010.0	1983	85 04 - ABAND 88 03
300	10.03	0.070	0.14	0.69	190	807	84	19 113	-1 320.9	1 817.9	1984	88 09 - GPP
439	12.13	0.069	0.17	0.82	57	838	81	18 662	-1 345.8	1 828.8	1984	94 09 - GPP
64	6.50	0.120	0.10	0.64	160	789	90	19 042	-1 425.8	1 930.5	1984	94 11 - ABAND 94 09
32	14.32	0.098	0.10	0.64	160	758	90	15 125	-1 378.0	1 864.8	1967	94 12 - GPP
16	10.40	0.080	0.10	0.64	160	789	90	17 502	-1 376.8	1 848.0	1968	96 07 - ABAND 96 07
167	65.17	0.097	0.14	0.63	176	801	81	18 726	-1 456.6	1 939.0	1965	91 12 - GPP
328	50.00	0.077	0.12	0.71	141	826	84	18 748	-1 507.7	1 999.0	1966	97 08 - GPP
304	24.14	0.050	0.16	0.73	171	811	88	18 014	-1 431.4	1 935.1	1966	94 12 - GPP
203	22.00	0.030	0.15	0.57	225	775	92	18 276	-1 449.7	1 931.6	1965	97 05 - GPP
212	68.72	0.091	0.12	0.66	159	806	90	19 336	-1 473.8	1 951.1	1966	94 08 - GPP
40	43.10	0.100	0.13	0.57	249	797	88	22 345	-1 419.4	1 896.7	1967	97 12 - GPP
85	72.48	0.088	0.11	0.66	160	806	88	18 217	-1 456.8	1 928.8	1967	95 09 - GPP
30	19.47	0.138	0.15	0.75	101	801	92	17 899	-1 429.2	1 933.5	1968	91 12 - GPP
80	10.70	0.040	0.22	0.75	101	788	95	18 130	-1 454.4	1 976.5	1968	95 12 - GPP
20	13.56	0.057	0.20	0.77	88	797	98	18 171	-1 469.0	1 971.6	1968	85 05 - ABAND 88 08
33	8.97	0.050	0.13	0.74	107	797	98	18 319	-1 473.8	2 016.1	1968	88 09 - GPP
172	36.55	0.073	0.14	0.76	159	796	69	18 409	-1 487.0	1 993.2	1978	95 12 - GPP
56	25.00	0.040	0.19	0.75	105	801	90	17 661	-1 430.2	1 927.3	1982	96 08
40	16.48	0.123	0.10	0.80	78	784	94	16 796	-1 451.0	1 956.1	1984	96 12 - GPP
16	16.00	0.044	0.16	0.76	101	810	92	17 129	-1 435.2	1 937.0	1986	96 07 - GPP
64	13.00	0.040	0.16	0.66	159	809	88	17 449	-1 435.8	1 947.5	1989	89 11 - ABAND 94 01
40	19.00	0.070	0.12	0.73	118	800	88	17 845	-1 423.4	1 938.5	1992	94 12
32	19.50	0.060	0.20	0.75	106	803	83	17 367	-1 434.4	1 944.3	1994	94 09 - GPP
32	12.60	0.030	0.30	0.77	67	816	88		-1 443.6	1 962.3	1985	97 05
64	6.50	0.080	0.32	0.90	29	865	60	20 083	-1 141.3	1 843.0	1983	89 12 - GPP
64	2.20	0.120	0.48	0.83	58	841	58	19 741	-1 248.5	1 943.8	1985	92 01 - GPP
16	3.00	0.170	0.40	0.84	58	831	64	17 476	-1 214.1	1 915.3	1992	96 07 - GPP
65	0.35	0.110	0.38	0.80	58	838	58	19 442	-1 217.3	1 920.2	1967	75 12 - ABAND 71 02
64	4.30	0.180	0.45	0.84	59	844	58	19 672	-1 256.5	1 931.7	1995	96 05 - GPP
64	2.00	0.150	0.38	0.83	56	818	62		-1 267.2	1 900.4	1996	97 05 - GPP

TABLE 2-6

	1	2	3	4	5	6	7	8
FIELD POOL	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
REAGAN 001-19W4								
RUNDLE A	460.0	0.18		82.8		82.8	81.6	1.2
FIELD TOTAL	460.0			82.8		82.8	81.6	1.2
RED COULEE 001-17W4								
MOULTON A WATER FLOOD	270.0	0.14	0.09	37.8	24.3	62.1	59.1	3.0
MOULTON B TOTAL	993.0			61.9	96.1	158.0	156.3	1.7
PRIMARY AREA	119.0	0.08		9.5		9.5		
WATER FLOOD AREA	874.0	0.06	0.11	52.4	96.1	149.0		
MOULTON C TOTAL	565.0			129.0	75.6	205.0	198.4	6.6
PRIMARY AREA	24.5	0.20		4.9		4.9		
WATER FLOOD AREA	540.0	0.23	0.14	124.0	75.6	200.0		
SUNBURST A	301.0	<0.04		11.4		11.4	11.4	
SUNBURST B	445.0	0.12		53.4		53.4	50.3	3.1
CUTBANK E	165.0	0.04		6.6		6.6	1.3	5.3
CUTBANK F	168.0	0.03		5.0		5.0	1.3	3.7
CUTBANK G	204.0	0.05		10.2		10.2	1.4	8.8
FIELD TOTAL *	3 111.0			315.3	196.0	511.7	479.5	32.2
RED EARTH 088-08W5								
SLAVE POINT C	240.0	0.20		48.0		48.0	40.9	7.1
SLAVE POINT E TOTAL	6 202.0			310.0	29.0	339.0	300.2	38.8
PRIMARY AREA	3 302.0	0.05		165.0		165.0		
WATER FLOOD AREA	2 900.0	0.05	0.01	145.0	29.0	174.0		
SLAVE POINT F	119.0	0.13		15.5		15.5	14.9	0.6
SLAVE POINT G	176.0	0.20		35.2		35.2	19.9	15.3
SLAVE POINT U	357.0	0.10		35.7		35.7	30.4	5.3
SLAVE POINT V	884.0	0.10		88.4		88.4	51.4	37.0
SLAVE POINT W	153.0	0.05		7.7		7.7	6.1	1.6
SLAVE POINT X	229.0	<0.01		0.1		0.1	0.1	
SLAVE POINT Y	124.0	0.05		6.2		6.2	1.1	5.1
SLAVE POINT Z	49.0	<0.03		1.1		1.1	1.1	
SLAVE POINT AA	74.0	<0.01		0.6		0.6	0.6	
SLAVE POINT BB	229.0	0.05		11.5		11.5	10.1	1.4
SLAVE POINT CC	116.0	<0.01		0.1		0.1	0.1	
SLAVE POINT DD	31.8	<0.01		0.1		0.1	0.1	
SLAVE POINT EE	76.5	0.10		7.6		7.6	1.7	5.9
SLAVE POINT FF	40.7	0.10		4.0		4.0	0.6	3.4
SLAVE PT A,GRANITE WASH A & VV TOTAL	29 490.0			4 873.0	267.0	5 140.0	4 534.0	606.0
PRIMARY AREA	22 600.0	0.18		4 068.0		4 068.0		
WATER FLOOD AREA	6 890.0	<0.12	0.03	805.0	267.0	1 072.0		
SLAVE POINT S & GRANITE WASH J	1 033.0	0.08		82.6		82.6	69.2	13.4
KEG RIVER B	21.5	<0.01		0.1		0.1	0.1	
KEG RIVER E	40.9	0.25		10.2		10.2	6.3	3.9
KEG RIVER F	16.4	0.25		4.1		4.1	2.5	1.6
KEG RIVER C & GRANITE WASH T2T	392.0	0.40		157.0		157.0	145.0	12.0
KEG RIVER G & GRANITE WASH YYY	100.0	0.15		15.0		15.0	11.4	3.6
GRANITE WASH B	76.9	<0.11		8.2		8.2	8.2	
GRANITE WASH C	2 374.0	0.35		831.0		831.0	798.3	32.7
GRANITE WASH D	254.0	<0.02		4.9		4.9	4.9	
GRANITE WASH E TOTAL	3 156.0			877.0	202.0	1 079.0	996.8	82.2
PRIMARY AREA	1 140.0	0.15		171.0		171.0		
WATER FLOOD AREA	2 016.0	0.35	0.10	706.0	202.0	908.0		
GRANITE WASH F	353.0	<0.02		5.8		5.8	5.8	
GRANITE WASH I	136.0	<0.06		8.1		8.1	8.1	
GRANITE WASH K	153.0	0.30		45.9		45.9	40.4	5.5
GRANITE WASH L	427.0	<0.02		8.0		8.0	8.0	
GRANITE WASH M	45.6	0.15		6.8		6.8	5.5	1.3
GRANITE WASH O	109.0	0.04		4.4		4.4	4.4	
GRANITE WASH P	132.0	<0.10		12.1		12.1	12.1	
GRANITE WASH Q	92.5	<0.02		1.5		1.5	1.5	
GRANITE WASH R	231.0	<0.01		0.1		0.1	0.1	
GRANITE WASH S	159.0	<0.01		0.3		0.3	0.3	
GRANITE WASH V	186.0	<0.08		14.4		14.4	14.4	
GRANITE WASH CC	55.7	<0.02		0.8		0.8	0.8	
GRANITE WASH DD	372.0	0.25		93.0		93.0	72.7	20.3

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
274	2.78	0.110	0.27	0.75	127	844	29	7 591	113.5	1 094.2	1957	81 12 - GPP
97	2.53	0.180	0.33	0.91	30	825	27	5 650	338.8	800.0	1951	68 07 - GPP
97					21	825	27	6 550	322.5	786.6	1954	77 03 - GPP
16	5.55	0.187	0.26	0.96								
81	8.12	0.187	0.26	0.96								
97					30	825	28	5 700	346.3	745.8	1965	94 12
8	3.30	0.180	0.40	0.86								
89	5.16	0.180	0.24	0.86								- GPP
65	6.71	0.150	0.50	0.92	35	904	28	5 335	331.8	749.4	1930	96 07 - GPP
53	7.62	0.200	0.40	0.92	35	904	28	5 380	337.2	756.1	1929	94 12 - GPP
32	7.00	0.170	0.49	0.85	30	871	29	5 180	313.5	792.4	1993	96 08 - GPP
32	5.80	0.190	0.44	0.85	30	868	29	5 254	323.2	764.0	1993	94 02 - GPP
16	14.60	0.190	0.50	0.92	32	877	41	5 129	306.6	861.9	1995	96 09 - GPP
91	4.60	0.085	0.25	0.90	24	829	48	12 376	-737.4	1 336.7	1967	97 12 - GPP
1 921					42	834	39	12 349	-752.7	1 263.9	1966	94 08
1 025	5.02	0.100	0.31	0.93								
896	4.64	0.100	0.25	0.93								- GPP
65	3.35	0.076	0.20	0.90	43	829	82	13 332	-784.1	1 323.6	1971	96 12 - GPP
100	2.80	0.100	0.30	0.90	43	829	43	13 373	-788.1	1 328.2	1973	97 12 - GPP
64	12.00	0.100	0.50	0.93	25	826	41	10 395	-702.5	1 255.0	1980	82 07 - GPP
192	11.30	0.066	0.35	0.95	49	828	37	9 963	-684.5	1 219.4	1981	86 12 - GPP
64	5.52	0.062	0.25	0.93	19	825	39	12 403	-709.3	1 263.7	1982	91 01 - GPP
64	7.00	0.110	0.49	0.91	32	832	38	11 779	-678.6	1 209.3	1983	85 05 - ABAND 89 03
32	5.00	0.120	0.32	0.95	16	829	37	9 982	-687.1	1 205.5	1985	91 12 - GPP
64	1.50	0.080	0.25	0.85	57	820	38	12 239	-737.7	1 342.8	1984	92 10 - ABAND 94 01
64	2.91	0.084	0.45	0.86	21	830	39	11 824	-748.5	1 313.7	1985	88 12 - ABAND 90 03
16	27.90	0.070	0.23	0.95	16	821	37	11 342	-719.2	1 241.7	1988	88 10 - GPP
16	9.30	0.100	0.15	0.92	25	822	39	11 850	-750.3	1 347.7	1968	91 10 - ABAND 90 10
32	2.43	0.080	0.45	0.93	19	824	39	12 071	-781.1	1 296.5	1966	91 10 - ABAND 90 10
32	5.80	0.070	0.36	0.92	25	822	39	11 268	-780.5	1 305.5	1983	91 11 - GPP
16	4.00	0.090	0.24	0.93	19	824	39	9 314	-791.9	1 322.0	1987	97 05 - GPP
7 806					21	820	48	14 203	-768.9	1 319.0	1957	97 11 - GPP
6 283	4.27	0.120	0.22	0.90								
1 523	6.47	0.100	0.24	0.92								
512	3.59	0.094	0.35	0.92	56	825	53	14 273	-830.9	1 428.7	1967	97 12 - GPP
64	0.40	0.145	0.32	0.85	56	828	40	14 474	-890.7	1 511.5	1988	91 10 - ABAND 89 03
32	2.00	0.110	0.34	0.88	46	823	43	15 740	-885.0	1 516.3	1993	96 03 - GPP
32	1.06	0.100	0.45	0.88	46	823	43	12 041	-870.8	1 481.9	1993	96 03 - GPP
275	1.50	0.150	0.28	0.88	46	823	43	15 069	-876.7	1 487.1	1993	96 09 - GPP
64	2.02	0.150	0.40	0.86	46	823	43	16 104	-884.9	1 494.2	1986	97 05 - GPP
65	1.83	0.094	0.20	0.86	56	825	43	15 745	-905.7	1 438.5	1965	87 12 - ABAND 90 09
832	3.00	0.140	0.21	0.86	56	825	42	15 907	-896.0	1 462.1	1956	86 09 - GPP
64	5.15	0.150	0.41	0.87	48	825	42	15 970	-900.0	1 460.5	1957	86 08 - ABAND 88 08
1 031					56	825	42	15 719	-871.6	1 487.1	1959	97 07 - GPP
536	3.13	0.123	0.35	0.85								
495	5.76	0.130	0.36	0.85								
188	2.39	0.130	0.29	0.85	64	826	42	15 979	-917.0	1 501.1	1964	96 07 - GPP
65	2.74	0.119	0.25	0.86	56	825	43	15 440	-892.6	1 512.0	1958	74 12 - ABAND 90 10
32	5.36	0.130	0.20	0.86	56	825	42	16 078	-898.4	1 518.1	1968	95 12 - GPP
129	3.96	0.126	0.23	0.86	56	834	52	15 547	-893.0	1 520.0	1958	84 03 - ABAND 89 06
65	0.91	0.112	0.20	0.86	56	829	52	13 657	-889.9	1 469.6	1970	91 05 - GPP
16	5.49	0.180	0.20	0.86	57	829	42	15 437	-892.1	1 435.6	1973	92 12
64	2.00	0.150	0.20	0.86	56	832	42	15 486	-898.6	1 466.0	1979	96 07 - GPP
64	2.00	0.120	0.30	0.86	56	834	72	14 843	-907.7	1 473.5	1979	83 12
64	3.50	0.150	0.20	0.86	56	825	56	15 348	-901.7	1 415.7	1980	81 12 - ABAND 81 01
64	3.20	0.180	0.50	0.86	56	825	48	15 023	-916.3	1 438.9	1980	81 12 - ABAND 81 01
32	6.10	0.140	0.20	0.85	64	829	42	15 194	-897.9	1 496.9	1982	96 12 - GPP
64	1.50	0.110	0.38	0.85	64	831	42	15 240	-898.7	1 519.3	1982	84 03 - ABAND 89 02
64	6.94	0.130	0.25	0.86	56	823	42	15 120	-910.9	1 464.9	1983	91 12 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
RED EARTH 088-08W5 (CONTINUED)								
GRANITE WASH EE	133.0	0.08		10.6		10.6	7.0	3.6
GRANITE WASH HH	779.0	0.05		39.0		39.0	24.4	14.6
GRANITE WASH KK	86.2	<0.01		0.1		0.1	0.1	
GRANITE WASH LL	125.0	0.20		25.0		25.0	12.2	12.8
GRANITE WASH NN	205.0	<0.03		5.9		5.9	5.9	
GRANITE WASH OO	238.0	0.20		47.6		47.6	44.6	3.0
GRANITE WASH PP	94.1	0.20		18.8		18.8	13.0	5.8
GRANITE WASH QQ	32.7	<0.15		4.6		4.6	4.6	
GRANITE WASH RR	526.0	0.20		105.0		105.0	95.3	9.7
GRANITE WASH SS	38.3	<0.02		0.6		0.6	0.6	
GRANITE WASH TT	357.0	<0.01		0.6		0.6	0.6	
GRANITE WASH UU	460.0	0.30		138.0		138.0	58.0	80.0
GRANITE WASH XX	258.0	0.25		64.5		64.5	61.9	2.6
GRANITE WASH YY	188.0	<0.01		0.1		0.1	0.1	
GRANITE WASH ZZ	88.4	0.10		8.8		8.8	5.4	3.4
GRANITE WASH AAA	39.5	0.10		4.0		4.0	3.2	0.8
GRANITE WASH BBB	78.3	<0.01		0.1		0.1	0.1	
GRANITE WASH CCC	163.0	0.20		32.6		32.6	26.0	6.6
GRANITE WASH DDD	120.0	<0.16		18.4		18.4	18.4	
GRANITE WASH EEE	155.0	0.12		18.6		18.6	17.0	1.6
GRANITE WASH FFF	188.0	0.25		47.0		47.0	42.2	4.8
GRANITE WASH GGG	79.4	<0.01		0.1		0.1	0.1	
GRANITE WASH HHH	695.0	<0.03		16.8		16.8	16.8	
GRANITE WASH III	580.0	0.15		87.0		87.0	62.6	24.4
GRANITE WASH KKK	284.0	<0.03		6.9		6.9	6.9	
GRANITE WASH LLL	152.0	<0.02		1.7		1.7	1.7	
GRANITE WASH MMM	740.0	0.29		215.0		215.0	206.6	8.4
GRANITE WASH NNN	116.0	<0.11		11.9		11.9	11.9	
GRANITE WASH OOO	304.0	0.20		60.8		60.8	9.7	51.1
GRANITE WASH PPP	132.0	0.10		13.2		13.2	9.6	3.6
GRANITE WASH QQQ	155.0	0.10		15.5		15.5	5.6	9.9
GRANITE WASH RRR	231.0	0.05		11.6		11.6	10.7	0.9
GRANITE WASH SSS	100.0	0.20		20.0		20.0	17.6	2.4
GRANITE WASH TTT	174.0	<0.03		4.6		4.6	4.6	
GRANITE WASH UUU	111.0	0.35		38.9		38.9	30.4	8.5
GRANITE WASH VVV	106.0	0.30		31.8		31.8	23.5	8.3
GRANITE WASH WWW	69.4	0.11		7.6		7.6	6.5	1.1
GRANITE WASH XXX	45.1	<0.02		0.9		0.9	0.9	
GRANITE WASH ZZZ	227.0	0.17		38.6		38.6	36.6	2.0
GRANITE WASH A2A	80.4	<0.02		0.9		0.9	0.9	
GRANITE WASH B2B	40.9	<0.03		1.1		1.1	1.1	
GRANITE WASH C2C	193.0	<0.03		4.2		4.2	4.2	
GRANITE WASH D2D	63.6	0.25		15.9		15.9	8.7	7.2
GRANITE WASH E2E	41.3	<0.02		0.6		0.6	0.6	
GRANITE WASH F2F	54.5	0.20		10.9		10.9	8.0	2.9
GRANITE WASH G2G	161.0	0.20		32.2		32.2	24.7	7.5
GRANITE WASH H2H	44.8	<0.04		1.4		1.4	1.4	
GRANITE WASH I2I	57.7	<0.17		9.8		9.8	9.8	
GRANITE WASH J2J	46.0	<0.01		0.4		0.4	0.4	
GRANITE WASH L2L	63.7	0.18		11.5		11.5	10.5	1.0
GRANITE WASH M2M	85.7	0.20		17.1		17.1	14.8	2.3
GRANITE WASH N2N	57.5	<0.03		1.7		1.7	1.7	
GRANITE WASH O2O	128.0	0.25		32.0		32.0	27.4	4.6
GRANITE WASH P2P	57.0	<0.01		0.5		0.5	0.5	
GRANITE WASH Q2Q	102.0	<0.01		0.1		0.1		0.1
GRANITE WASH R2R	125.0	0.25		31.3		31.3	27.1	4.2
GRANITE WASH S2S	20.0	0.20		4.0		4.0	2.5	1.5
GRANITE WASH U2U	42.9	0.15		6.4		6.4	2.7	3.7
GRANITE WASH V2V	112.0	<0.04		4.2		4.2	4.2	
GRANITE WASH W2W	219.0	0.25		54.8		54.8	33.9	20.9
GRANITE WASH X2X	1 259.0	0.34		428.0		428.0	316.1	111.9
GRANITE WASH Y2Y	266.0	0.20		53.2		53.2	12.8	40.4
GRANITE WASH Z2Z	60.4	0.20		12.1		12.1	0.4	11.7
GRANITE WASH A3A	21.9	<0.01		0.1		0.1	0.1	
GRANITE WASH C3C	573.0	0.25		143.0		143.0	55.2	87.8
GRANITE WASH D3D	43.7	0.25		10.9		10.9	2.9	8.0
GRANITE WASH E3E	289.0	0.25		72.2		72.2	21.9	50.3
GRANITE WASH F3F	296.0	0.25		74.0		74.0	55.9	18.1
GRANITE WASH G3G	30.4	0.30		9.1		9.1	4.8	4.3
GRANITE WASH H3H	121.0	0.25		30.3		30.3	0.6	29.7
GRANITE WASH I3I	136.0	0.25		34.0		34.0	2.8	31.2

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
16	6.70	0.180	0.20	0.86	48	845	49	15 821	-892.9	1 443.3	1981	95 12 - GPP
256	3.37	0.140	0.25	0.86	56	834	42	15 061	-911.9	1 490.7	1982	89 12 - GPP
64	1.71	0.157	0.41	0.85	64	852	42	14 455	-902.4	1 418.8	1984	85 03 - ABAND 86 01
32	5.50	0.150	0.45	0.86	56	843	48	14 852	-909.0	1 493.9	1985	94 11 - GPP
64	3.70	0.140	0.28	0.86	56	830	42	14 744	-904.4	1 453.9	1984	96 07 - GPP
64	3.94	0.203	0.46	0.86	48	825	42	14 764	-906.2	1 435.0	1985	91 12 - GPP
32	3.59	0.170	0.44	0.86	50	842	40	15 846	-877.4	1 395.8	1984	94 11 - GPP
80	0.58	0.132	0.38	0.86	54	835	36	15 701	-909.6	1 413.9	1984	87 12 - ABAND 91 02
96	5.41	0.166	0.29	0.86	56	828	42	14 191	-909.5	1 473.0	1985	86 06 - GPP
64	1.39	0.091	0.45	0.86	47	826	46	15 367	-900.1	1 489.7	1984	94 11 - ABAND 92 11
64	4.50	0.180	0.19	0.85	64	826	42	14 985	-899.1	1 510.3	1985	85 12 - ABAND 89 07
192	2.90	0.150	0.36	0.86	53	836	36	15 789	-904.8	1 410.4	1985	97 01 - GPP
64	4.50	0.160	0.35	0.86	56	823	41	15 007	-914.8	1 467.6	1985	86 03 - GPP
64	6.00	0.100	0.43	0.86	56	801	44	15 188	-941.6	1 517.9	1985	86 11
16	4.50	0.210	0.32	0.86	52	833	38	15 781	-921.7	1 435.0	1985	93 12
32	2.10	0.122	0.44	0.86	56	830	42	14 845	-895.5	1 473.9	1985	96 04 - GPP
64	3.20	0.090	0.50	0.85	64	826	42	14 332	-920.7	1 506.2	1986	86 11
64	3.02	0.140	0.30	0.86	56	823	42	14 361	-908.7	1 466.5	1986	94 11 - GPP
64	3.00	0.119	0.39	0.86	56	825	42	15 795	-898.0	1 495.4	1968	86 06 - ABAND 88 07
40	4.53	0.140	0.29	0.86	56	834	42	14 755	-902.1	1 456.1	1985	94 11 - GPP
128	2.76	0.110	0.43	0.85	56	834	42	14 825	-906.8	1 484.6	1984	88 03 - GPP
64	2.20	0.080	0.18	0.86	56	834	42	14 312	-915.2	1 502.9	1982	86 08
128	5.64	0.140	0.20	0.86	56	834	42	13 905	-863.7	1 441.2	1983	92 09 - ABAND 92 07
96	5.64	0.160	0.23	0.87	48	825	42	14 584	-901.1	1 472.1	1983	86 08 - GPP
64	4.30	0.150	0.20	0.86	56	834	42	14 700	-903.1	1 487.7	1980	86 08 - ABAND 90 10
64	2.30	0.150	0.20	0.86	56	834	42	15 203	-910.0	1 491.5	1983	86 08 - ABAND 88 10
150	5.40	0.150	0.30	0.87	48	825	42	16 013	-906.8	1 452.6	1957	96 08 - GPP
32	4.50	0.117	0.20	0.86	56	825	42	15 213	-903.8	1 515.8	1969	95 12 - ABAND 90 08
128	3.30	0.190	0.56	0.86	70	835	40	15 471	-907.9	1 415.1	1986	97 09
50	2.83	0.160	0.32	0.86	50	828	45	15 210	-890.4	1 513.0	1987	93 12 - GPP
64	2.75	0.167	0.38	0.85	45	831	34	15 683	-920.1	1 441.9	1987	95 07 - GPP
64	3.60	0.160	0.27	0.86	53	833	36	15 351	-914.7	1 419.6	1985	93 05 - GPP
32	3.50	0.160	0.35	0.86	64	852	42	15 052	-891.8	1 515.5	1987	95 07 - GPP
64	4.48	0.143	0.50	0.85	57	828	38	15 709	-920.5	1 427.8	1986	88 04 - ABAND 91 02
64	2.30	0.130	0.32	0.85	64	852	42	15 360	-903.2	1 486.0	1988	95 12 - GPP
64	2.74	0.140	0.49	0.85	64	852	42	15 355	-902.6	1 513.0	1987	97 12 - GPP
20	3.30	0.165	0.25	0.85	64	852	42	15 360	-891.2	1 500.3	1988	94 11 - GPP
16	3.00	0.170	0.35	0.85	64	852	42	17 006	-891.6	1 496.5	1988	94 02 - ABAND 93 10
32	7.50	0.180	0.30	0.75	51	777	49	15 442	-917.8	1 509.1	1985	96 12 - GPP
64	1.60	0.165	0.44	0.85	64	852	42	14 627	-907.1	1 471.6	1988	92 10 - ABAND 93 10
64	1.00	0.120	0.38	0.86	56	835	56	15 337	-887.7	1 484.9	1988	94 02 - ABAND 93 10
64	3.90	0.140	0.35	0.85	64	852	42	15 069	-895.1	1 494.9	1988	94 02 - ABAND 93 10
64	1.50	0.140	0.45	0.86	56	835	42	15 305	-886.3	1 511.0	1988	88 12 - GPP
20	2.50	0.160	0.40	0.86	56	835	42	14 862	-892.8	1 476.8	1988	94 11 - GPP
32	2.40	0.150	0.45	0.86	56	835	42	16 004	-891.7	1 507.6	1988	96 08 - GPP
64	2.21	0.176	0.25	0.86	56	835	42	14 695	-889.1	1 471.4	1988	94 11 - GPP
16	3.90	0.130	0.35	0.85	64	852	42	14 502	-887.9	1 482.0	1988	92 09 - ABAND 92 07
32	2.50	0.160	0.47	0.85	64	852	43	14 205	-889.7	1 502.5	1988	97 12 - ABAND 97 02
20	2.60	0.160	0.35	0.85	64	852	42	15 562	-888.4	1 503.5	1988	94 11 - GPP
20	3.98	0.150	0.38	0.86	56	835	42	14 772	-901.5	1 473.1	1988	94 11 - GPP
32	2.95	0.160	0.34	0.86	56	835	42	14 761	-890.7	1 497.9	1988	94 11 - GPP
64	1.20	0.150	0.42	0.86	56	835	42	13 996	-897.4	1 488.0	1988	94 02 - ABAND 93 10
32	4.67	0.170	0.42	0.87	48	825	42	14 148	-910.2	1 432.3	1988	94 11 - GPP
32	2.10	0.150	0.35	0.87	48	825	42	14 236	-892.0	1 510.3	1989	91 10 - ABAND 91 07
64	3.10	0.120	0.50	0.86	56	835	42	13 702	-923.0	1 504.3	1989	89 10 - ABAND 92 02
32	4.30	0.160	0.35	0.87	39	822	41	15 574	-921.0	1 440.2	1990	94 11 - GPP
32	1.60	0.130	0.60	0.75	53	842	51	15 214	-918.0	1 508.7	1991	91 12 - GPP
16	3.00	0.160	0.35	0.86	48	825	42	14 142	-920.7	1 443.5	1982	97 05 - GPP
16	12.50	0.130	0.50	0.86	52	833	42	15 871	-896.1	1 428.0	1982	83 02 - ABAND 84 10
64	4.10	0.160	0.40	0.87	39	840	41	15 712	-919.2	1 435.7	1993	93 10 - GPP
252	4.33	0.180	0.28	0.89	42	819	42	15 605	-914.0	1 419.4	1993	97 12 - GPP
64	5.50	0.140	0.38	0.87	39	837	41	15 655	-920.6	1 433.4	1994	94 05 - GPP
16	2.50	0.220	0.22	0.88	45	830	44	15 295	-894.0	1 395.2	1994	95 05 - GPP
16	1.50	0.160	0.33	0.85	56	834	42	14 754	-904.4	1 513.3	1994	96 07 - GPP
128	4.90	0.180	0.41	0.86	57	828	37	15 397	-907.8	1 417.4	1994	95 07 - GPP
32	1.60	0.160	0.38	0.86	57	828	37	15 742	-905.3	1 409.5	1995	96 02 - GPP
64	6.00	0.160	0.46	0.87	48	825	42	15 398	-908.0	1 412.3	1995	95 08 - GPP
32	6.00	0.250	0.29	0.87	48	825	42	14 833	-881.4	1 379.9	1995	96 02 - GPP
64	1.00	0.090	0.40	0.88	46	823	43	15 837	-897.7	1 547.5	1994	95 07 - GPP
64	2.95	0.160	0.54	0.87	48	825	42		-934.1	1 474.3	1996	97 05 - GPP
64	3.40	0.160	0.55	0.87	48	825	42		-936.1	1 478.0	1996	97 05 - GPP

TABLE 2-6

FIELD POOL	1	2	3	4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
RED EARTH 088-08W5 (CONTINUED)								
FIELD TOTAL	62 053.3			9 916.8	498.0	10 414.8	8 791.6	1 623.2
RED ROCK 063-08W6								
CHINOOK A	57.3	0.05		2.9		2.9	2.1	0.8
CHINOOK G	3 732.0	0.15		560.0		560.0	375.6	184.4
CHINOOK H	120.0	0.10		12.0		12.0	5.0	7.0
FIELD TOTAL	3 909.3			574.9		574.9	382.7	192.2
RED WILLOW 039-16W4								
LLOYDMINSTER B	92.5	0.10		9.3		9.3	5.1	4.2
GLAUCONITIC A	228.0	<0.02		4.5		4.5	4.5	
GLAUCONITIC B	105.0	<0.01		0.2		0.2	0.2	
GLAUCONITIC D	170.0	0.03		5.1		5.1	3.8	1.3
GLAUCONITIC E	446.0	0.10		44.6		44.6	21.4	23.2
GLAUCONITIC M	43.5	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE K	561.0	0.05		28.1		28.1	14.5	13.6
LOWER MANNVILLE L	23.6	<0.02		0.3		0.3	0.3	
CAMROSE A	119.0	<0.17		19.2		19.2	19.2	
CAMROSE B	195.0	<0.06		11.1		11.1	11.1	
CAMROSE C	250.0	<0.08		19.4		19.4	19.4	
CAMROSE D	117.0	0.20		23.4		23.4	3.6	19.8
CAMROSE E	96.1	0.10		9.6		9.6	7.2	2.4
CAMROSE F	1 760.0	0.20		352.0		352.0	70.2	281.8
CAMROSE G	107.0	<0.20		20.7		20.7	20.7	
CAMROSE H	73.6	<0.03		1.9		1.9	1.9	
D-3 A	326.0	<0.01		0.3		0.3	0.3	
FIELD TOTAL	4 713.3			549.8		549.8	203.5	346.3
REDFISH 092-08W5								
KEG RIVER A	27.2	<0.02		0.4		0.4	0.4	
FIELD TOTAL	27.2			0.4		0.4	0.4	
REDLAND 027-23W4								
LOWER MANNVILLE B	144.0	0.30		43.2		43.2	33.7	9.5
FIELD TOTAL	144.0			43.2		43.2	33.7	9.5
REDWATER 057-21W4								
UPPER VIKING G	225.0	<0.01		0.1		0.1	0.1	
UP-MID-LOW VIKING A	3 707.0	0.09		334.0		334.0	282.6	51.4
MIDDLE VIKING B & LOWER VIKING H	360.0	0.12		43.2		43.2	41.4	1.8
LOWER VIKING B	5 443.0	0.05		272.0		272.0	235.7	36.3
LOWER VIKING Q	130.0	0.10		13.0		13.0	4.2	8.8
LOWER VIKING S	3 525.0	0.05		176.0		176.0	62.4	113.6
LOWER VIKING T	114.0	0.10		11.4		11.4	3.2	8.2
LOWER VIKING U	443.0	0.05		22.2		22.2	11.2	11.0
LOWER VIKING V	177.0	0.15		26.6		26.6	17.1	9.5
LOWER VIKING W	52.5	0.10		5.3		5.3	0.8	4.5
LOWER VIKING X	239.0	0.10		23.9		23.9	7.2	16.7
LOWER VIKING Y	46.6	0.10		4.7		4.7	1.6	3.1
LOWER VIKING Z	118.0	0.10		11.8		11.8	1.1	10.7
UPPER MANNVILLE E	270.0	<0.01		0.3		0.3	0.3	
BASAL MANNVILLE E	253.0	0.20		50.6		50.6	43.5	7.1
BASAL MANNVILLE F	420.0	0.30		126.0		126.0	68.9	57.1
BASAL MANNVILLE H	2 432.0	0.30		730.0		730.0	531.9	198.1
BASAL MANNVILLE I	271.0	0.30		81.3		81.3	16.3	65.0
BASAL MANNVILLE J	298.0	0.25		74.5		74.5	59.0	15.5
BASAL MANNVILLE R	188.0	<0.01		0.2		0.2	0.2	
BASAL MANNVILLE T	245.0	<0.01		0.2		0.2	0.2	
ELLERSLIE A	103.0	<0.01		0.1		0.1	0.1	
ELLERSLIE B	49.9	<0.02		0.8		0.8	0.8	
ELLERSLIE C	1 054.0	0.10		105.0		105.0	48.4	56.6
ELLERSLIE G	355.0	<0.06		20.6		20.6	20.6	
ELLERSLIE L	37.1	0.10		3.7		3.7	1.4	2.3
ELLERSLIE M	147.0	<0.01		0.2		0.2	0.2	
ELLERSLIE N	176.0	<0.05		7.3		7.3	7.3	
ELLERSLIE O	981.0	0.10		98.1		98.1	38.3	59.8

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
64	1.80	0.090	0.35	0.85	72	830	47	10 295	-472.1	1 473.0	1979	97 12 - GPP
2 106	3.52	0.116	0.38	0.70	133	827	46	10 376	-481.2	1 505.8	1986	94 06 - GPP
64	3.85	0.110	0.37	0.70	133	809	44	10 452	-502.5	1 667.2	1987	88 08 - GPP
16	4.00	0.220	0.27	0.90	33	869	39	9 585	-358.4	1 171.9	1994	94 10 - GPP
64	3.00	0.220	0.35	0.83	71	868	39	8 773	-368.0	1 132.0	1981	82 04 - ABAND 86 10
64	2.00	0.180	0.45	0.83	60	850	47	8 745	-370.7	1 114.7	1981	82 10 - ABAND 90 10
32	4.30	0.220	0.34	0.85	64	852	48	8 229	-345.1	1 140.0	1988	97 05 - GPP
64	4.57	0.230	0.28	0.92	35	875	34	8 295	-349.3	1 146.0	1988	97 03 - GPP
16	2.50	0.200	0.36	0.85	64	864	48	8 299	-350.5	1 158.1	1993	96 07 - ABAND 96 09
128	3.75	0.200	0.27	0.80	90	850	38	8 527	-351.9	1 146.6	1988	89 05 - GPP
16	1.40	0.200	0.38	0.85	64	852	48	8 290	-363.3	1 152.9	1989	96 07 - GPP
29	9.56	0.053	0.10	0.90	56	890	48	9 811	-544.5	1 333.7	1982	91 12 - ABAND 91 10
64	7.86	0.055	0.12	0.80	59	879	52	9 520	-549.7	1 332.3	1983	91 10 - ABAND 90 07
64	8.30	0.084	0.30	0.80	50	900	38	9 168	-491.2	1 230.6	1984	96 07 - ABAND 93 06
64	3.30	0.090	0.23	0.80	55	900	38	9 137	-487.1	1 225.6	1985	97 11
32	8.30	0.060	0.33	0.90	36	903	43	9 446	-498.9	1 246.0	1985	86 10 - GPP
320	5.39	0.140	0.19	0.90	36	878	53	9 188	-479.5	1 212.1	1990	97 03
26	10.40	0.058	0.24	0.90	52	887	49	9 775	-546.1	1 344.3	1982	90 12 - ABAND 91 10
16	5.00	0.140	0.27	0.90	36	878	53	9 012	-482.8	1 227.4	1993	96 07 - GPP
64	12.50	0.060	0.15	0.80	35	947	48	9 728	-576.8	1 340.8	1981	84 12 - ABAND 84 07
16	5.40	0.055	0.35	0.88	47	829	40	14 426	-796.4	1 274.7	1987	96 07 - ABAND 97 01
128	1.59	0.150	0.43	0.83	58	890	50	11 141	-685.6	1 584.4	1982	96 05 - GPP
64	3.00	0.200	0.35	0.90	36	882	45	5 207	7.4	631.6	1976	83 12 - ABAND 85 02
1 635	2.26	0.190	0.40	0.88	28	800	27	5 186	-28.2	652.5	1949	94 12 - GPP
268	1.14	0.220	0.42	0.92	37	847	31	4 705	-19.8	648.0	1976	93 12 - GPP
2 344	2.46	0.180	0.43	0.92	35	865	28	5 825	-35.6	679.2	1974	94 12 - GPP
64	2.40	0.180	0.49	0.92	30	872	28	5 695	-55.8	715.7	1984	97 12 - GPP
1 290	3.00	0.180	0.45	0.92	30	844	28	5 907	-40.7	663.7	1950	96 06 - GPP
64	2.00	0.170	0.43	0.92	30	844	28	6 061	-61.6	723.7	1993	94 03 - GPP
128	5.00	0.160	0.53	0.92	30	845	28	5 895	-41.5	666.5	1950	97 12 - GPP
164	0.80	0.240	0.39	0.92	30	845	28	5 072	-20.7	671.8	1994	96 01 - GPP
16	2.70	0.220	0.40	0.92	30	845	28	5 477	-37.4	664.4	1951	95 04
32	4.66	0.300	0.42	0.92	30	845	28	4 853	-38.8	660.8	1950	93 05
16	2.40	0.220	0.40	0.92	30	845	28	4 771	-28.7	627.3	1950	95 06 - GPP
32	4.80	0.160	0.48	0.92	30	845	28		-28.6	655.0	1950	97 11
64	3.00	0.260	0.40	0.90	44	885	30	6 092	-130.2	754.5	1981	81 09 - GPP
108	1.83	0.200	0.20	0.80	55	843	41	6 746	-307.9	1 021.7	1954	97 12 - GPP
316	1.06	0.240	0.42	0.90	35	860	38	6 615	-287.0	1 014.3	1976	96 04 - GPP
424	3.52	0.240	0.27	0.93	46	925	30	6 082	-242.8	864.9	1977	94 12 - GPP
76	4.10	0.210	0.54	0.90	50	925	43	6 988	-228.2	854.3	1979	95 12
172	1.36	0.240	0.41	0.90	43	855	30	6 724	-275.8	940.4	1979	93 04 - GPP
16	8.50	0.270	0.45	0.93	30	931	35	6 181	-233.4	866.4	1980	84 12 - ABAND 82 06
32	4.20	0.270	0.25	0.90	33	923	48	6 956	-224.4	848.9	1981	82 11 - ABAND 95 05
16	3.00	0.300	0.23	0.93	26	948	34	5 795	-196.8	832.1	1982	83 07 - ABAND 83 12
64	0.80	0.200	0.47	0.92	32	880	32	6 745	-293.1	945.9	1984	85 03 - ABAND 88 06
312	3.22	0.220	0.47	0.90	35	855	35	7 246	-331.7	1 011.3	1989	94 11 - GPP
65	4.27	0.200	0.20	0.80	55	850	41	6 672	-306.6	1 021.4	1953	75 12 - ABAND 70 10
32	0.80	0.260	0.38	0.90	38	859	38	6 632	-280.6	981.6	1992	93 04 - GPP
16	5.00	0.280	0.27	0.90	40	947	33	5 670	-204.0	833.8	1992	96 07 - GPP
94	1.37	0.215	0.25	0.85	55	850	41	6 721	-313.5	1 026.1	1955	75 12 - ABAND 60 07
307	2.15	0.230	0.32	0.95	40	878	33	4 537	-277.7	929.8	1993	96 04 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 INITIAL ESTABLISHED RESERVES ENHANCED 10^3m^3	6 INITIAL ESTABLISHED RESERVES TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
REDWATER 057-21W4 (CONTINUED)								
ELLERSLIE P	373.0	0.10		37.3		37.3	21.4	15.9
ELLERSLIE Q	488.0	0.10		48.8		48.8	2.2	46.6
ELLERSLIE R	80.2	0.10		8.0		8.0	3.8	4.2
ELLERSLIE S	116.0	0.10		11.6		11.6	3.3	8.3
ELLERSLIE T	24.8	0.20		5.0		5.0	1.6	3.4
ELLERSLIE U	13.0	0.15		2.0		2.0	1.5	0.5
ELLERSLIE V	43.2	0.20		8.6		8.6	7.1	1.5
ELLERSLIE W	120.0	0.15		18.0		18.0	0.3	17.7
ELLERSLIE X	302.0	0.10		30.2		30.2	21.2	9.0
ELLERSLIE Y	55.6	0.10		5.6		5.6	1.9	3.7
ELLERSLIE AA	184.0	0.05		9.2		9.2	5.5	3.7
ELLERSLIE BB	68.4	0.10		6.8		6.8	0.1	6.7
ELLERSLIE HH	109.0	0.10		10.9		10.9	1.5	9.4
D-3	207 000.0	0.63		130 400.0		130 400.0	129 794.7	605.3
FIELD TOTAL *	230 837.3			132 845.1		132 845.1	131 372.1	1 473.0
RETLAW 011-18W4								
MANNVILLE Z3Z	239.0	0.05		12.0		12.0	2.6	9.4
MANNVILLE A4A	15.7	0.20		3.1		3.1	0.4	2.7
FIELD TOTAL *	254.7			15.1		15.1	3.0	12.1
RICH 034-21W4								
VIKING B	153.0	<0.01		0.1		0.1	0.1	
VIKING C	333.0	<0.01		3.2		3.2	3.2	
D-2 A	200.0	<0.15		28.5		28.5	28.5	
D-3 A	1 333.0	0.45		600.0		600.0	596.7	3.3
WINNIPEGOSIS A	97.2	0.20		19.4		19.4	10.3	9.1
FIELD TOTAL	2 116.2			651.2		651.2	638.8	12.4
RICHDALE 030-13W4								
UPPER MANNVILLE F	216.0	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE G	1 394.0	0.05		69.7		69.7	50.6	19.1
UPPER MANNVILLE K	131.0	0.07		9.2		9.2	5.7	3.5
UPPER MANNVILLE L	867.0	0.07		60.7		60.7	38.0	22.7
UPPER MANNVILLE S	257.0	0.04		10.3		10.3	5.3	5.0
LOWER MANNVILLE F	116.0	<0.01		0.4		0.4	0.4	
LOWER MANNVILLE O	122.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE X	153.0	<0.02		1.7		1.7	1.7	
LOWER MANNVILLE Y	75.9	<0.02		1.5		1.5	1.5	
FIELD TOTAL *	3 331.9			153.7		153.7	103.4	50.3
RICINUS 034-08W5								
CARDIUM A TOTAL	11 740.0			2 403.0	278.0	2 681.0	2 327.5	353.5
PRIMARY AREA	4 602.0	0.35		1 611.0		1 611.0		
GAS FLOOD AREA	7 137.0	<0.12	0.03	792.0	278.0	1 070.0		
CARDIUM B	850.0	0.21		179.0		179.0	173.1	5.9
CARDIUM C	1 270.0	0.04		50.8		50.8	45.5	5.3
CARDIUM D	535.0	0.25		133.0		133.0	128.3	4.7
CARDIUM E	821.0	<0.01		6.0		6.0	5.6	0.4
CARDIUM G	630.0	0.15		94.5		94.5	91.9	2.6
CARDIUM H	1 080.0	0.09		97.2		97.2	90.1	7.1
CARDIUM K	340.0	0.15		51.0		51.0	48.2	2.8
CARDIUM L	2 401.0	0.20		480.0		480.0	340.5	139.5
CARDIUM M	207.0	0.07		14.5		14.5	11.6	2.9
CARDIUM Q GAS FLOOD	4 850.0	0.13	0.02	631.0	97.0	728.0	629.1	98.9
CARDIUM S	627.0	0.15		94.1		94.1	64.8	29.3
CARDIUM V	2 153.0	0.10		215.0		215.0	175.4	39.6
CARDIUM W	2 997.0	0.15		450.0		450.0	329.5	120.5
CARDIUM Y	237.0	0.10		23.7		23.7	19.9	3.8
CARDIUM Z	225.0	<0.05		9.6		9.6	9.6	
CARDIUM AA	512.0	0.03		15.4		15.4	10.2	5.2
CARDIUM BB	327.0	<0.01		1.9		1.9	1.9	
CARDIUM CC	184.0	0.03		5.5		5.5	2.7	2.8
CARDIUM FF	85.2	<0.04		2.7		2.7	2.7	
CARDIUM GG	241.0	0.06		14.5		14.5	12.7	1.8
CARDIUM II	368.0	0.01		3.7		3.7	0.7	3.0
CARDIUM KK	250.0	0.12		30.0		30.0	29.8	0.2

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
64	4.20	0.230	0.33	0.90	42	928	30	7 464	-220.9	848.1	1993	95 09 - GPP
138	2.42	0.250	0.35	0.90	28	925	35	6 000	-241.6	868.6	1950	96 05 - GPP
16	3.40	0.260	0.37	0.90	28	925	35	6 000	-222.4	846.9	1950	95 05 - GPP
32	2.54	0.260	0.39	0.90	28	925	35	7 016	-226.6	850.9	1950	95 05 - GPP
16	1.30	0.230	0.31	0.75	35	897	31	6 011	-229.9	853.6	1994	95 08 - GPP
16	1.00	0.200	0.46	0.75	35	876	31	6 220	-261.4	906.5	1994	97 12 - GPP
16	2.30	0.240	0.45	0.89	38	857	34	6 757	-318.1	989.7	1994	96 12 - GPP
32	3.00	0.220	0.38	0.92	34	910	30	5 787	-194.7	827.5	1950	95 09
32	5.00	0.280	0.25	0.90	42	925	30	7 414	-215.1	841.6	1994	96 03 - GPP
16	4.60	0.190	0.47	0.75	115	897	31	6 228	-231.5	853.4	1993	95 09 - GPP
16	6.30	0.270	0.29	0.95	22	945	33	5 807	-196.9	829.0	1994	96 02 - GPP
32	2.00	0.230	0.50	0.93	28	859	32	4 126	-316.2	982.3	1994	96 02 - GPP
32	1.80	0.320	0.36	0.92	36	859	30	6 309	-241.3	890.9	1996	96 11 - GPP
15 199	31.39	0.065	0.25	0.89	33	844	34	7 413	-362.0	983.3	1948	93 12 - GPP
64	3.60	0.200	0.39	0.85	73	896	33	11 524	-254.0	1 091.7	1995	96 12 - GPP
16	1.20	0.190	0.47	0.81	83	890	35	11 609	-226.0	1 101.0	1991	96 11
64	4.30	0.107	0.35	0.80	86	873	39	8 646	-448.4	1 292.0	1986	86 12 - ABAND 86 12
128	3.60	0.140	0.40	0.86	46	860	40	7 287	-346.1	1 194.1	1986	96 07 - ABAND 96 05
50	7.00	0.080	0.12	0.81	74	865	55	12 963	-857.0	1 683.3	1983	96 07 - ABAND 97 02
15	103.20	0.110	0.10	0.87	64	857	65	14 418	-991.7	1 817.1	1982	88 12 - GPP
32	7.50	0.060	0.25	0.90	31	916	60	19 276	-1 423.8	2 242.3	1986	87 04 - GPP
64	4.30	0.160	0.46	0.91	37	882	37	9 239	-296.9	1 120.5	1981	85 12 - ABAND 89 05
320	5.29	0.190	0.49	0.85	63	852	39	9 109	-313.4	1 112.4	1979	97 12 - GPP
100	1.01	0.220	0.29	0.83	80	855	38	9 293	-298.9	1 117.2	1971	92 12 - GPP
100	7.65	0.230	0.42	0.85	60	847	34	9 464	-311.5	1 109.9	1983	91 12 - GPP
64	6.24	0.180	0.58	0.85	63	824	37	9 471	-304.8	1 115.9	1985	96 08 - GPP
64	1.83	0.170	0.35	0.89	44	865	35	9 548	-315.4	1 150.6	1977	82 12 - ABAND 81 05
64	2.00	0.230	0.50	0.83	68	859	38	9 504	-303.3	1 145.2	1981	88 12 - ABAND 83 02
16	6.50	0.240	0.31	0.89	45	909	36	9 610	-296.1	1 076.3	1993	96 07 - ABAND 94 05
16	3.50	0.240	0.32	0.83	74	857	36	9 474	-311.6	1 138.3	1993	96 03 - ABAND 95 11
1 489					226	806	83	27 635	-1 477.9	2 748.8	1969	92 12 - GPP
465	12.75	0.140	0.12	0.63								
1 024	8.98	0.140	0.12	0.63								
94	11.38	0.170	0.27	0.64	250	815	82	27 783	-1 508.0	2 717.8	1969	96 11 - GPP
695	1.83	0.150	0.10	0.74	131	820	72	16 994	-1 111.1	2 450.8	1969	96 08 - GPP
160	5.36	0.120	0.20	0.65	158	815	84	23 766	-1 453.3	2 738.8	1969	89 09 - GPP
444	3.05	0.134	0.13	0.52	323	801	78	25 423	-1 310.0	2 602.1	1970	97 12 - GPP
97	10.10	0.110	0.14	0.68	144	811	71	19 838	-988.0	2 309.9	1970	92 12 - GPP
101	18.74	0.098	0.18	0.71	159	806	60	19 378	-708.2	2 015.1	1970	96 08 - GPP
65	7.80	0.127	0.12	0.60	213	811	78	18 645	-1 445.0	2 679.2	1969	85 12 - GPP
160	17.07	0.140	0.14	0.73	119	815	71	15 430	-783.2	2 043.2	1972	95 12 - GPP
210	2.44	0.075	0.23	0.70	160	811	63	18 854	-769.7	2 061.7	1971	95 12 - GPP
706	8.81	0.120	0.11	0.73	113	815	75	15 901	-1 148.2	2 426.2	1971	95 02 - GPP
92	7.57	0.133	0.11	0.76	230	806	70	15 892	-1 147.3	2 405.2	1974	94 04 - GPP
192	15.10	0.110	0.10	0.75	131	811	49	13 726	-849.3	2 122.6	1975	92 03 - GPP
192	16.30	0.140	0.10	0.76	131	820	49	14 208	-875.7	2 140.1	1974	92 02 - GPP
128	4.45	0.100	0.34	0.63	186	829	66	26 105	-1 472.5	2 758.7	1977	87 08 - GPP
64	4.88	0.120	0.20	0.75	113	825	60	14 081	-1 217.0	2 543.2	1977	96 07 - GPP
64	16.34	0.090	0.20	0.68	167	827	63	21 351	-1 270.9	2 594.0	1977	96 08 - GPP
64	8.94	0.100	0.16	0.68	151	828	60	17 973	-1 111.0	2 434.1	1977	88 12 - GPP
64	5.80	0.094	0.12	0.60	172	825	59	14 064	-1 469.9	2 673.6	1978	82 12 - GPP
16	12.60	0.067	0.17	0.76	113	811	64	16 112	-1 185.6	2 454.5	1981	96 07 - GPP
64	9.40	0.062	0.15	0.76	130	810	66	15 735	-1 247.5	2 495.6	1981	93 12 - GPP
64	9.00	0.090	0.09	0.78	91	806	68	15 434	-1 310.5	2 572.1	1981	93 06 - GPP
97	4.32	0.135	0.31	0.64	250	816	82	27 117	-1 532.9	2 746.0	1969	83 10 - GPP

TABLE 2-6

	1	2	3	4	5	6	7	8
FIELD POOL	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
RICINUS 034-08W5 (CONTINUED)								
CARDIUM MM	188.0	0.06		11.3		11.3	9.2	2.1
CARDIUM NN	1 516.0	0.02		30.3		30.3	19.5	10.8
CARDIUM OO	360.0	0.10		36.0		36.0	24.4	11.6
CARDIUM TT	2 400.0	0.10		240.0		240.0	177.5	62.5
CARDIUM UU	135.0	<0.08		10.1		10.1	10.1	
CARDIUM VV	159.0	0.10		15.9		15.9	7.9	8.0
CARDIUM WW	147.0	0.05		7.4		7.4	1.4	6.0
CARDIUM XX	600.0	0.05		30.0		30.0	25.3	4.7
CARDIUM ZZ	1 100.0	0.05		55.0		55.0	28.9	26.1
CARDIUM LL & RR	158.0	0.09		14.2		14.2	11.1	3.1
CARDIUM BBB & HHH	596.0	0.10		59.6		59.6	48.3	11.3
CARDIUM DDD	291.0	0.10		29.1		29.1	19.8	9.3
CARDIUM GGG	1 700.0	0.05		85.0		85.0	64.0	21.0
CARDIUM III	115.0	<0.01		0.7		0.7	0.7	
CARDIUM JJJ	185.0	0.11		20.4		20.4	15.7	4.7
CARDIUM KKK	261.0	0.17		44.4		44.4	41.5	2.9
CARDIUM MMM	1 100.0	0.15		165.0		165.0	152.0	13.0
CARDIUM OOO	9.9	0.05		0.5		0.5	0.5	
CARDIUM PPP	200.0	0.08		16.0		16.0	14.1	1.9
CARDIUM RRR	400.0	0.06		24.0		24.0	20.8	3.2
CARDIUM SSS	180.0	0.10		18.0		18.0	11.9	6.1
CARDIUM TTT	208.0	<0.01		1.0		1.0	1.0	
CARDIUM UUU	271.0	0.10		27.1		27.1	20.6	6.5
CARDIUM WWW	63.0	0.10		6.3		6.3	1.3	5.0
BLAIRMORE A	210.0	<0.01		1.8		1.8	1.8	
FIELD TOTAL	45 483.1			5 955.2	375.0	6 330.2	5 280.6	1 049.6
RINGS 080-05W6								
D-1 A	139.0	<0.10		13.6		13.6	13.6	
FIELD TOTAL	139.0			13.6		13.6	13.6	
RIVIERE 055-27W4								
ELLERSLIE D	62.8	<0.01		0.1		0.1	0.1	
WABAMUN A	424.0	0.03		12.7		12.7	9.2	3.5
FIELD TOTAL *	486.8			12.8		12.8	9.3	3.5
ROCKYFORD 026-23W4								
UPPER MANNVILLE C	44.9	<0.06		2.3		2.3	2.3	
UPPER MANNVILLE E WATER FLOOD	330.0	0.13	0.17	42.9	56.1	99.0	45.6	53.4
UPPER MANNVILLE F WATER FLOOD	2 600.0	0.25	0.20	650.0	520.0	1 170.0	822.7	347.3
UPPER MANNVILLE G	147.0	0.10		14.7		14.7	0.9	13.8
LOWER MANNVILLE A	811.0	<0.08		58.4		58.4	56.9	1.5
LOWER MANNVILLE F	20.3	<0.10		1.9		1.9	1.9	
LOWER MANNVILLE G	80.4	<0.05		3.4		3.4	3.4	
FIELD TOTAL	4 033.6			773.6	576.1	1 349.7	933.7	416.0
ROLLA 079-06W6								
DEBOLT A	135.0	0.10		13.5		13.5	1.4	12.1
FIELD TOTAL	135.0			13.5		13.5	1.4	12.1
RONALANE 013-12W4								
SAWTOOTH MM	112.0	0.15		16.8		16.8	3.4	13.4
SAWTOOTH NN	89.0	0.15		13.4		13.4	1.4	12.0
SAWTOOTH OO	29.7	0.15		4.5		4.5	0.9	3.6
SAWTOOTH PP	87.5	0.15		13.1		13.1	0.3	12.8
FIELD TOTAL *	318.2			47.8		47.8	6.0	41.8
ROSEBUD 027-21W4								
BLAIRMORE	420.0	<0.16		64.2		64.2	64.2	
FIELD TOTAL	420.0			64.2		64.2	64.2	

_ LIGHT-MEDIUM CRUDE OIL POOLS

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
32	12.00	0.090	0.15	0.64	131	785	72	27 542	-1 534.6	2 762.5	1983	97 12 - GPP
64	29.40	0.115	0.09	0.77	91	806	68	14 062	-1 002.1	2 227.2	1984	96 08 - GPP
128	10.20	0.040	0.09	0.76	91	806	68	14 074	-1 003.7	2 229.5	1984	92 03 - GPP
384	13.66	0.070	0.14	0.76	108	813	64	14 615	-998.8	2 253.8	1985	93 08 - GPP
32	5.60	0.110	0.09	0.75	119	815	71	16 424	-1 240.3	2 512.2	1969	96 07 - GPP
64	4.92	0.097	0.20	0.65	177	819	86	26 297	-1 470.6	2 693.7	1986	87 01 - GPP
64	3.16	0.110	0.15	0.78	91	805	68	26 465	-1 211.5	2 370.0	1986	93 07 - GPP
129	7.02	0.120	0.20	0.69	158	815	84	23 668	-1 455.6	2 764.1	1969	89 09 - GPP
128	12.70	0.110	0.18	0.75	110	806	74	13 612	-1 275.6	2 542.3	1987	93 08 - GPP
64	4.81	0.085	0.15	0.71	160	805	60	18 995	-782.9	2 083.5	1982	86 01 - GPP
64	18.60	0.110	0.33	0.68	188	819	72	18 865	-1 426.7	2 764.6	1987	95 06 - GPP
64	9.10	0.075	0.10	0.74	106	806	63	16 425	-1 240.5	2 503.5	1987	88 07 - GPP
448	9.91	0.060	0.16	0.76	91	806	68	13 940	-867.1	2 098.7	1987	93 08 - GPP
64	5.60	0.080	0.15	0.47	363	807	75	25 817	-1 301.9	2 582.1	1982	92 10
32	15.80	0.060	0.10	0.68	132	804	72	13 787	-927.4	2 251.5	1988	96 08 - GPP
64	4.57	0.150	0.10	0.66	189	808	60	26 975	-1 369.3	2 650.4	1969	94 12 - GPP
157	19.25	0.070	0.20	0.65	177	819	86	24 004	-1 464.9	2 770.2	1968	89 09 - GPP
16	2.00	0.070	0.15	0.52	323	796	78	26 853	-1 401.4	2 663.9	1989	96 07
20	19.02	0.080	0.10	0.73	137	815	68	12 274	-965.8	2 305.6	1989	93 07 - GPP
64	15.10	0.060	0.09	0.76	108	813	64	11 904	-964.8	2 214.1	1988	93 12 - GPP
64	8.84	0.046	0.09	0.76	115	802	58	13 904	-970.4	2 217.3	1981	92 03 - GPP
32	7.62	0.130	0.10	0.73	119	815	71	15 538	-1 219.5	2 566.4	1972	92 09 - GPP
32	11.70	0.110	0.10	0.73	119	815	71	13 885	-1 001.0	2 325.1	1988	92 09 - GPP
64	2.70	0.060	0.20	0.76	240	822	64	24 101	-1 242.1	2 428.3	1985	93 01
64	6.80	0.120	0.24	0.53	266	788	120	39 682	-1 972.2	3 318.2	1971	90 12 - GPP
32	15.30	0.050	0.21	0.72	53	840	77	24 509	-1 582.3	2 181.1	1989	96 07 - GPP
16	2.70	0.260	0.35	0.86	52	842	46	7 256	-550.2	1 243.4	1991	96 07 - GPP
64	7.50	0.200	0.48	0.85	54	894	41	8 407	-546.5	1 236.9	1985	91 12 - GPP
16	3.00	0.180	0.35	0.80	54	885	46	10 406	-648.2	1 483.0	1982	96 07 - GPP
127	2.66	0.160	0.29	0.86	69	866	49	10 607	-662.4	1 581.5	1986	96 07 - GPP
360	6.00	0.200	0.30	0.86	69	855	49	10 693	-660.6	1 566.3	1981	92 03 - GPP
32	6.60	0.150	0.46	0.86	75	834	49	10 604	-646.2	1 514.9	1991	92 05 - GPP
128	6.12	0.190	0.31	0.79	90	879	50	10 729	-654.9	1 508.9	1979	97 12 - GPP
16	1.50	0.160	0.40	0.88	46	891	41	10 647	-672.0	1 535.9	1984	96 07 - GPP
16	7.00	0.160	0.49	0.88	44	884	50	10 982	-699.9	1 619.4	1985	96 07 - GPP
64	2.20	0.170	0.26	0.76	114	832	60		-1 075.2	1 663.1	1996	97 06
32	3.30	0.260	0.56	0.93	25	882	35	8 198	-165.1	918.0	1996	96 11 - GPP
16	4.60	0.260	0.50	0.93	25	882	35		-162.4	925.0	1996	97 05 - GPP
16	1.60	0.240	0.48	0.93	25	882	35		-166.6	931.2	1996	97 05 - GPP
16	5.00	0.240	0.51	0.93	25	882	35		-165.8	924.3	1996	97 05 - GPP
312	1.25	0.173	0.26	0.84	44	876	49	9 487	-553.3	1 415.3	1956	96 07 - GPP

TABLE 2-6

FIELD POOL	1	2	3	4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
ROSEVEAR 054-16W5								
SECOND WHITE SPECKS A	914.0	0.05		45.7		45.7	38.3	7.4
GETHING B	77.9	0.10		7.8		7.8	0.5	7.3
BELLOY B	44.0	0.10		4.4		4.4	0.7	3.7
FIELD TOTAL	1 035.9			57.9		57.9	39.5	18.4
ROWLEY 032-20W4								
BELLY RIVER H & LOWER MANNVILLE H	330.0	0.17		56.1		56.1	52.7	3.4
VIKING C	220.0	0.15		33.0		33.0	23.1	9.9
UPPER MANNVILLE D	514.0	0.10		51.4		51.4	38.5	12.9
UPPER MANNVILLE E	1 288.0	0.10		129.0		129.0	106.9	22.1
UPPER MANNVILLE L	108.0	<0.01		0.4		0.4	0.4	
UPPER MANNVILLE M	334.0	0.06		20.0		20.0	16.1	3.9
UPPER MANNVILLE N	88.4	0.15		13.2		13.2	9.7	3.5
UPPER MANNVILLE O	180.0	0.07		12.6		12.6	6.3	6.3
LOWER MANNVILLE A	233.0	<0.02		3.9		3.9	3.9	
LOWER MANNVILLE G	44.8	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE J	160.0	<0.03		3.4		3.4	3.4	
LOWER MANNVILLE K	181.0	<0.01		0.4		0.4	0.4	
LOWER MANNVILLE P	37.5	0.05		1.9		1.9	0.5	1.4
PEKISKO A	7 213.0	0.05		361.0		361.0	337.5	23.5
PEKISKO B	61.9	<0.01		0.1		0.1	0.1	
PEKISKO D	33.8	<0.01		0.1		0.1	0.1	
BANFF A	77.6	<0.01		0.1		0.1	0.1	
BANFF B	118.0	0.05		5.9		5.9	1.5	4.4
FIELD TOTAL	11 223.0			692.6		692.6	601.3	91.3
ROYAL 053-15W4								
MIDDLE VIKING D	41.5	0.05		2.1		2.1	0.8	1.3
MIDDLE VIKING E	110.0	<0.01		0.3		0.3	0.3	
FIELD TOTAL	151.5			2.4		2.4	1.1	1.3
RUMSEY 034-21W4								
GLAUCONITIC H	61.4	0.15		9.2		9.2	8.1	1.1
FIELD TOTAL *	61.4			9.2		9.2	8.1	1.1
RYCROFT 077-05W6								
GETHING B	36.0	<0.01		0.2		0.2	0.2	
GETHING E	180.0	<0.01		0.3		0.3	0.3	
CHARLIE LAKE A TOTAL	2 500.0			265.0	776.0	1 041.0	736.1	304.9
PRIMARY AREA	283.0	0.15		42.5		42.5		
WATER FLOOD AREA	2 217.0	0.10	0.35	222.0	776.0	998.0		
CHARLIE LAKE C TOTAL	607.0			91.1	138.0	229.0	147.0	82.0
PRIMARY AREA	146.0	0.15		21.9		21.9		
WATER FLOOD AREA	461.0	0.15	0.30	69.2	138.0	207.0		
CHARLIE LAKE J	133.0	<0.09		11.2		11.2	11.2	
CHARLIE LAKE K	28.6	<0.01		0.1		0.1	0.1	
CHARLIE LAKE M	579.0	0.15		86.9		86.9	47.6	39.3
HALFWAY B	541.0	0.15		81.2		81.2	42.3	38.9
HALFWAY C WATER FLOOD	4 259.0	0.15	0.30	639.0	1 278.0	1 917.0	1 813.2	103.8
HALFWAY D	684.0	0.07		47.9		47.9	34.0	13.9
HALFWAY E	233.0	<0.10		22.6		22.6	22.6	
HALFWAY F	170.0	0.20		34.0		34.0	29.3	4.7
HALFWAY G	15.4	<0.03		0.4		0.4	0.4	
HALFWAY H	66.4	0.15		10.0		10.0	8.6	1.4
FIELD TOTAL	10 032.4			1 289.9	2 192.0	3 481.8	2 892.9	588.9
SADDLE HILLS 076-08W6								
CHARLIE LAKE A	349.0	<0.07		21.8		21.8	21.8	
CHARLIE LAKE B	42.3	<0.09		3.7		3.7	3.7	
CHARLIE LAKE D	31.2	<0.01		0.3		0.3	0.3	
CHARLIE LAKE E	123.0	0.10		12.3		12.3	4.6	7.7
HALFWAY A	126.0	0.10		12.6		12.6	1.9	10.7
HALFWAY B	33.8	0.20		6.8		6.8	1.1	5.7

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
192	10.00	0.070	0.20	0.85	55	821	69	21 608	-922.3	1 818.7	1985	96 08 - GPP
64	1.58	0.130	0.24	0.78	99	835	92	19 095	-1 347.7	2 198.4	1992	97 01
32	4.30	0.070	0.45	0.83	52	860	85	19 737	-1 435.8	2 304.1	1994	95 05
128	1.90	0.210	0.24	0.85	48	870	49	7 576	-515.1	1 350.9	1980	93 09 - GPP
192	1.53	0.150	0.47	0.94	20	825	38	7 429	-361.6	1 201.8	1974	90 10 - GPP
64	9.20	0.180	0.43	0.85	51	870	40	7 801	-550.2	1 416.9	1987	91 09 - GPP
422	2.82	0.190	0.33	0.85	46	855	53	7 979	-533.1	1 365.7	1964	92 02 - GPP
16	8.60	0.150	0.34	0.79	78	878	59	8 031	-531.9	1 372.6	1990	96 07
115	2.50	0.200	0.30	0.83	62	881	61	8 084	-538.2	1 371.8	1990	96 08 - GPP
16	5.90	0.170	0.42	0.95	18	939	37	9 992	-483.0	1 315.4	1977	91 07
32	5.90	0.170	0.34	0.85	51	870	40	8 790	-542.6	1 412.4	1987	96 08 - GPP
16	17.37	0.140	0.25	0.80	51	870	52	9 575	-572.3	1 417.8	1964	92 11 - ABAND 75 02
16	2.40	0.180	0.21	0.82	66	847	53	8 994	-520.0	1 344.8	1976	96 07
64	2.00	0.200	0.24	0.82	60	869	46	9 673	-495.4	1 349.0	1981	92 10
64	3.50	0.170	0.42	0.82	66	864	53	10 256	-518.2	1 371.8	1981	82 12 - ABAND 88 05
16	6.00	0.090	0.47	0.82	66	846	53	9 751	-566.6	1 405.2	1987	92 02 - GPP
1 424	9.32	0.080	0.21	0.86	70	870	50	9 555	-535.7	1 364.0	1960	92 09 - GPP
64	1.50	0.100	0.25	0.86	43	870	49	7 827	-515.2	1 368.3	1981	82 12 - GPP
16	6.20	0.060	0.34	0.86	48	865	52	3 492	-517.1	1 362.2	1990	92 09 - ABAND 92 06
64	5.00	0.060	0.53	0.86	56	876	42	9 000	-582.0	1 425.2	1991	94 11 - ABAND 91 05
32	4.00	0.150	0.28	0.85	61	849	42	12 269	-543.5	1 375.0	1995	95 11
64	0.80	0.180	0.50	0.90	40	840	30	4 146	37.2	652.2	1981	93 12 - GPP
128	1.14	0.210	0.55	0.80	40	848	33	4 659	48.3	618.9	1980	89 12
64	1.30	0.140	0.38	0.85	57	845	40	8 573	-557.0	1 454.8	1986	87 11 - GPP
16	3.50	0.120	0.37	0.85	60	811	50	10 720	-594.5	1 234.5	1983	96 04 - ABAND 95 11
16	11.00	0.160	0.25	0.85	60	890	34	11 898	-675.7	1 343.0	1993	96 07 - GPP
1 200					62	889	54	12 862	-734.0	1 376.4	1981	97 12
168	1.68	0.139	0.13	0.83								
1 032	2.14	0.139	0.13	0.83								- GPP
454					63	865	54	13 112	-751.5	1 417.1	1982	93 06
128	1.16	0.150	0.22	0.84								
326	1.17	0.182	0.21	0.84								- GPP
107	1.50	0.150	0.35	0.85	55	826	54	13 694	-800.5	1 460.8	1983	96 07
16	2.16	0.128	0.23	0.84	63	885	54	12 558	-775.7	1 450.3	1985	92 12 - ABAND 92 08
192	2.93	0.170	0.28	0.84	63	881	54	12 598	-674.7	1 291.0	1987	88 05 - GPP
192	4.95	0.150	0.52	0.79	93	835	55	13 424	-769.4	1 415.6	1983	86 03 - GPP
1 073	4.44	0.155	0.27	0.79	93	832	55	13 185	-763.3	1 421.0	1984	96 07 - GPP
256	3.55	0.140	0.32	0.79	80	835	45	12 729	-745.7	1 387.1	1982	96 08
32	6.80	0.190	0.33	0.84	93	828	55	12 775	-766.6	1 455.0	1986	97 12 - GPP
128	2.19	0.126	0.39	0.79	93	827	55	13 714	-795.3	1 455.8	1987	93 12 - GPP
16	1.73	0.130	0.46	0.79	93	828	55	11 720	-735.1	1 371.6	1989	96 07
64	1.20	0.150	0.27	0.79	93	827	55	12 744	-764.1	1 410.1	1990	91 07 - GPP
192	1.44	0.200	0.19	0.78	91	845	72	15 297	-941.9	1 749.5	1981	96 07 - GPP
16	2.40	0.170	0.17	0.78	91	845	72	15 634	-939.9	1 757.4	1984	96 07
64	0.59	0.129	0.20	0.80	70	835	70	14 414	-944.6	1 724.4	1982	92 10 - ABAND 93 08
64	2.20	0.124	0.10	0.78	91	833	72	17 953	-970.9	1 934.1	1987	87 12 - GPP
64	4.82	0.090	0.37	0.72	120	816	58	19 682	-1 034.6	1 860.2	1989	89 01 - GPP
64	1.50	0.080	0.38	0.71	134	817	74	19 816	-1 054.4	1 977.8	1995	96 09

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 ENHANCED 10^3m^3	6 TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
SADDLE HILLS 076-08W6 (CONTINUED)								
FIELD TOTAL	705.3			57.5		57.5	33.4	24.1
SAKWATAMAU 063-14W5								
GETHING A	800.0	0.20		160.0		160.0	122.7	37.3
GETHING B	69.4	<0.01		0.1		0.1	0.1	
BELLOY A	500.0	0.35		175.0		175.0	157.0	18.0
BELLOY B	43.2	0.20		8.6		8.6	0.3	8.3
BEAVERHILL LAKE A	827.0	0.15		124.0		124.0	44.2	79.8
FIELD TOTAL	2 239.6			467.7		467.7	324.3	143.4
SALT CREEK 075-10W5								
SLAVE POINT A	178.0	0.10		17.8		17.8	3.4	14.4
GILWOOD A	144.0	0.15		21.6		21.6	16.2	5.4
FIELD TOTAL	322.0			39.4		39.4	19.6	19.8
SAMSON 044-24W4								
BLAIRMORE A	1 460.0	<0.03		36.7		36.7	36.7	
FIELD TOTAL	1 460.0			36.7		36.7	36.7	
SAWN LAKE 091-12W5								
SLAVE POINT A TOTAL	2 200.0			178.0	150.0	328.0	224.9	103.1
PRIMARY AREA	700.0	0.04		28.0		28.0		
WATER FLOOD AREA	1 500.0	0.10	0.10	150.0	150.0	300.0		
SLAVE POINT J TOTAL	10 290.0			392.0	78.9	471.0	404.1	66.9
PRIMARY AREA	8 316.0	0.04		333.0		333.0		
WATER FLOOD AREA	1 973.0	0.03	0.04	59.2	78.9	138.0		
SLAVE POINT K	337.0	0.05		16.9		16.9	14.7	2.2
SLAVE POINT L	132.0	0.15		19.8		19.8	16.5	3.3
SLAVE POINT M	329.0	0.07		23.0		23.0	12.1	10.9
FIELD TOTAL	13 288.0			629.7	228.9	858.7	672.3	186.4
SAXON 061-24W5								
CARDIUM A	28.0	<0.10		2.7		2.7	2.7	
FIELD TOTAL	28.0			2.7		2.7	2.7	
SEAL 082-14W5								
SLAVE POINT A	3 272.0	0.40		1 309.0		1 309.0	1 087.9	221.1
SLAVE POINT B	237.0	0.30		71.1		71.1	61.0	10.1
SLAVE POINT C	505.0	<0.02		7.6		7.6	7.6	
SLAVE POINT D	1 382.0	0.19		263.0		263.0	230.4	32.6
SLAVE POINT E	113.0	<0.01		0.8		0.8	0.8	
SLAVE POINT F	74.5	<0.18		13.0		13.0	13.0	
SLAVE POINT G	520.0	0.50		260.0		260.0	198.5	61.5
SLAVE POINT H	195.0	0.33		64.4		64.4	46.9	17.5
SLAVE POINT I	79.3	0.15		11.9		11.9	4.3	7.6
SLAVE POINT J	78.3	0.25		19.6		19.6	3.1	16.5
FIELD TOTAL	6 456.1			2 020.4		2 020.4	1 653.5	366.9
SEIU LAKE 025-18W4								
UPPER MANNVILLE F	333.0	0.10		33.3		33.3	0.3	33.0
LOWER MANNVILLE G	776.0	0.03		23.3		23.3	17.1	6.2
LOWER MANNVILLE J	116.0	0.05		5.8		5.8	5.8	
PEKISKO A	107.0	0.10		10.7		10.7	6.0	4.7
FIELD TOTAL	1 332.0			73.1		73.1	29.2	43.9
SENEX 092-04W5								
SLAVE POINT A	84.2	<0.06		4.6		4.6	4.6	
SLAVE POINT B & KEG RIVER N	123.0	<0.08		8.7		8.7	8.7	
KEG RIVER A	1 890.0	0.03		56.7		56.7	41.4	15.3
KEG RIVER B	1 270.0	0.20		254.0		254.0	220.3	33.7
KEG RIVER E	310.0	0.15		46.5		46.5	26.1	20.4
KEG RIVER H	86.0	<0.06		4.9		4.9	4.9	
KEG RIVER I	437.0	0.25		109.0		109.0	76.6	32.4

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA ha	AVERAGE PAY THICKNESS m	POROSITY frac	WATER SATN frac	SHRINKAGE frac	INITIAL SOLUTION GOR m^3/m^3	DENSITY kg/m^3	TEMP °C	INITIAL PRESSURE kPa	DATUM DEPTH m MSL	MEAN FORMATION DEPTH m KB	DISC YEAR	DATE LAST REVIEWED AND REMARKS
318	2.42	0.180	0.27	0.79	142	892	61	13 044	-762.8	1 728.1	1975	95 12 - GPP
65	1.43	0.120	0.25	0.83	142	892	59	12 940	-767.7	1 664.4	1975	82 12 - ABAND 91 02
311	1.73	0.170	0.28	0.76	105	800	72	14 616	-900.2	1 795.3	1984	92 03 - GPP
16	2.50	0.200	0.29	0.76	105	807	72	15 178	-888.3	1 737.3	1994	96 08
192	18.20	0.050	0.26	0.64	224	825	109	27 604	-1 890.4	2 801.0	1988	97 12 - GPP
64	8.24	0.075	0.50	0.90	32	851	55	14 815	-1 180.4	1 774.1	1985	86 08 - GPP
64	4.29	0.096	0.30	0.78	103	839	60	18 438	-1 211.5	1 804.0	1966	89 12 - GPP
324	3.99	0.186	0.25	0.81	50	887	60	10 881	-663.8	1 461.0	1953	83 12 - GPP
480					57	822	38	13 255	-793.7	1 595.1	1983	94 02
288	4.71	0.075	0.21	0.87								
192	14.77	0.076	0.20	0.87								- GPP
2 644					57	822	38	13 568	-812.7	1 605.8	1983	92 06
2 154	10.04	0.068	0.35	0.87								
490	10.33	0.070	0.36	0.87								- GPP
64	14.61	0.061	0.32	0.87	46	828	39	13 721	-814.2	1 629.5	1985	85 12 - GPP
64	5.72	0.066	0.38	0.88	44	829	37	13 863	-833.0	1 629.0	1985	86 03 - GPP
64	11.10	0.075	0.29	0.87	44	831	45	13 025	-828.8	1 628.8	1985	96 08 - GPP
16	2.40	0.140	0.35	0.80	82	833	58	13 237	-640.2	1 686.3	1977	96 07 - GPP
562	7.79	0.110	0.21	0.86	42	830	68	18 549	-1 112.5	1 806.1	1974	95 12 - GPP
192	4.72	0.055	0.46	0.88	39	830	54	18 398	-1 135.2	1 829.3	1985	88 01 - GPP
189	6.20	0.070	0.30	0.88	39	824	54	17 525	-1 097.8	1 784.7	1987	96 07 - GPP
256	10.94	0.066	0.16	0.89	35	818	52	17 652	-1 091.7	1 797.4	1985	94 12 - GPP
16	13.60	0.079	0.25	0.88	39	825	54	17 622	-1 114.3	1 809.0	1987	96 07 - GPP
64	2.70	0.062	0.21	0.88	39	825	54	17 531	-1 115.4	1 816.6	1987	96 07 - GPP
224	3.74	0.092	0.25	0.90	39	825	54	16 675	-1 091.5	1 804.7	1991	96 09 - GPP
65	5.47	0.078	0.22	0.90	39	825	54	16 315	-1 095.6	1 817.2	1991	97 12 - GPP
16	8.50	0.090	0.28	0.90	36	829	58	15 198	-1 103.2	1 821.5	1994	97 11 - GPP
32	5.80	0.060	0.21	0.89	35	818	52	14 546	-1 088.8	1 817.3	1995	95 10 - GPP
64	8.00	0.140	0.42	0.80	79	842	46	9 653	-434.5	1 393.4	1992	95 03
128	6.29	0.180	0.37	0.85	66	857	38	9 323	-461.5	1 366.0	1979	96 08 - GPP
32	3.05	0.200	0.30	0.85	74	844	47	9 744	-446.8	1 377.7	1960	69 05 - ABAND 68 10
32	5.00	0.120	0.33	0.83	67	846	43	7 643	-475.3	1 416.5	1990	92 06 - GPP
16	13.41	0.082	0.45	0.87	57	835	30	10 030	-555.0	1 044.9	1986	95 09 - ABAND 95 05
16	17.18	0.080	0.39	0.92	27	830	36	13 197	-762.1	1 262.8	1987	96 07 - GPP
512	9.15	0.067	0.30	0.86	55	829	31	13 315	-673.8	1 266.3	1969	96 08 - GPP
654	3.06	0.100	0.31	0.92	27	831	35	13 787	-706.4	1 279.9	1985	94 07 - GPP
192	6.28	0.054	0.44	0.85	55	829	31	18 193	-691.2	1 241.4	1986	87 03 - GPP
32	7.07	0.071	0.37	0.85	55	829	31	12 284	-681.8	1 212.5	1986	96 07 - GPP
100	8.51	0.099	0.39	0.85	55	830	37	13 493	-693.5	1 258.8	1986	94 12 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
SENEX 092-04W5 (CONTINUED)								
KEG RIVER J	303.0	0.25		75.8		75.8	63.4	12.4
KEG RIVER K	194.0	0.12		23.3		23.3	18.8	4.5
KEG RIVER L	221.0	0.15		33.2		33.2	3.6	29.6
KEG RIVER M	624.0	0.25		156.0		156.0	87.9	68.1
KEG RIVER O	185.0	<0.01		0.9		0.9	0.9	
KEG RIVER P	273.0	0.20		54.6		54.6	32.3	22.3
KEG RIVER Q	222.0	0.30		66.6		66.6	54.7	11.9
KEG RIVER R	537.0	0.05		26.9		26.9	24.7	2.2
KEG RIVER S	328.0	0.20		65.6		65.6	32.0	33.6
KEG RIVER T	156.0	<0.02		3.0		3.0	3.0	
KEG RIVER U	372.0	0.20		74.4		74.4	50.2	24.2
KEG RIVER V	50.9	<0.08		4.0		4.0	4.0	
KEG RIVER W	68.3	0.13		8.9		8.9	6.5	2.4
KEG RIVER Y	74.4	<0.01		0.4		0.4	0.4	
KEG RIVER Z	83.2	0.06		5.0		5.0	1.6	3.4
KEG RIVER AA	112.0	0.20		22.4		22.4	13.5	8.9
KEG RIVER BB	42.9	0.07		3.0		3.0	2.3	0.7
KEG RIVER CC	89.5	<0.01		0.5		0.5	0.5	
KEG RIVER DD	690.0	0.15		104.0		104.0	55.2	48.8
KEG RIVER EE	809.0	0.10		80.9		80.9	36.5	44.4
KEG RIVER FF	132.0	0.10		13.2		13.2	2.0	11.2
KEG RIVER GG	213.0	0.10		21.3		21.3	6.4	14.9
KEG RIVER II	627.0	0.20		125.0		125.0	18.1	106.9
KEG RIVER JJ	754.0	0.06		45.2		45.2	32.7	12.5
KEG RIVER KK	1 563.0	0.20		313.0		313.0	214.5	98.5
KEG RIVER LL	51.0	0.20		10.2		10.2	1.8	8.4
KEG RIVER MM	241.0	0.20		48.2		48.2	5.7	42.5
KEG RIVER NN	36.5	0.15		5.5		5.5	2.2	3.3
KEG RIVER OO	907.0	0.20		181.0		181.0	24.1	156.9
KEG RIVER PP	86.6	0.25		21.7		21.7	13.9	7.8
KEG RIVER QQ	171.0	0.10		17.1		17.1	1.9	15.2
KEG RIVER RR	110.0	0.20		22.0		22.0	3.4	18.6
KEG RIVER SS	171.0	0.08		13.7		13.7	7.9	5.8
KEG RIVER C & X	1 525.0	0.20		305.0		305.0	268.2	36.8
FIELD TOTAL	16 223.5			2 435.9		2 435.9	1 477.4	958.5
SHADOW 074-18W5								
GILWOOD A	349.0	0.25		87.3		87.3	85.3	2.0
GILWOOD B	207.0	<0.22		43.8		43.8	43.8	
GILWOOD C	756.0	0.13		98.3		98.3	82.0	16.3
GILWOOD D	240.0	0.20		48.0		48.0	43.2	4.8
GILWOOD E	167.0	0.48		80.2		80.2	64.3	15.9
GILWOOD F	245.0	0.30		73.5		73.5	63.3	10.2
GILWOOD G	125.0	0.25		31.3		31.3	21.4	9.9
GILWOOD H	604.0	0.20		121.0		121.0	99.9	21.1
GILWOOD I	118.0	<0.03		3.5		3.5	3.5	
GILWOOD J	368.0	<0.03		10.3		10.3	10.3	
GILWOOD K	145.0	0.25		36.3		36.3	34.2	2.1
GILWOOD L	90.9	<0.07		5.5		5.5	5.5	
GILWOOD M	148.0	0.20		29.6		29.6	6.0	23.6
GILWOOD N	58.3	0.15		8.7		8.7	7.0	1.7
GILWOOD O	127.0	<0.11		12.9		12.9	12.9	
GILWOOD P	38.3	0.15		5.7		5.7	2.9	2.8
GILWOOD Q	197.0	0.25		49.3		49.3	41.7	7.6
GILWOOD R	77.3	<0.01		0.1		0.1	0.1	
GILWOOD S	75.5	<0.12		8.7		8.7	8.7	
GILWOOD T	109.0	0.03		3.3		3.3	3.3	
GILWOOD U	289.0	0.25		72.3		72.3	16.8	55.5
GILWOOD V	81.4	0.25		20.4		20.4	7.9	12.5
GILWOOD W	117.0	0.30		35.1		35.1	6.9	28.2
GILWOOD X	32.3	0.25		8.1		8.1	1.6	6.5
GILWOOD Y	159.0	0.50		79.5		79.5	59.9	19.6
GILWOOD Z	264.0	0.25		66.0		66.0	10.3	55.7
GILWOOD AA	64.9	0.25		16.2		16.2	1.4	14.8
GILWOOD BB	189.0	0.30		56.7		56.7	49.7	7.0
GILWOOD CC	27.6	<0.02		0.5		0.5	0.5	
GILWOOD DD	44.7	0.10		4.5		4.5	1.9	2.6
GILWOOD EE	203.0	0.30		60.9		60.9	19.6	41.3
GILWOOD FF	55.6	<0.05		2.6		2.6	2.6	
GILWOOD GG	21.2	0.20		4.2		4.2	2.6	1.6

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
64	12.60	0.064	0.31	0.85	55	829	31	13 540	-705.8	1 266.6	1987	87 05 - GPP
64	6.58	0.077	0.35	0.92	30	832	35	13 264	-714.5	1 297.0	1987	96 08 - GPP
64	8.55	0.068	0.30	0.85	55	837	31	12 354	-655.9	1 222.7	1986	87 05 - GPP
314	3.83	0.090	0.33	0.86	55	830	31	12 001	-629.6	1 250.7	1986	95 06 - GPP
32	6.20	0.139	0.27	0.92	27	830	36	13 241	-685.7	1 257.6	1987	94 08 - ABAND 94 06
128	3.90	0.090	0.34	0.92	27	830	36	13 159	-684.4	1 259.5	1987	88 02 - GPP
64	7.80	0.062	0.22	0.92	27	829	36	13 407	-692.1	1 233.5	1987	97 12 - GPP
100	11.58	0.070	0.28	0.92	30	834	40	13 130	-673.4	1 237.3	1987	96 08 - GPP
128	5.30	0.090	0.39	0.88	47	829	40	12 851	-700.9	1 269.6	1987	88 03 - GPP
64	5.40	0.090	0.41	0.85	55	829	31	13 262	-681.0	1 242.8	1987	96 01 - ABAND 95 10
180	4.25	0.080	0.34	0.92	30	829	35	12 550	-643.8	1 257.1	1987	94 09 - GPP
16	9.07	0.059	0.30	0.85	55	829	31	12 060	-676.1	1 286.9	1970	96 07 - GPP
32	6.08	0.059	0.30	0.85	55	829	31	13 240	-660.8	1 249.4	1969	96 08 - GPP
64	2.40	0.100	0.43	0.85	55	829	31	13 090	-683.0	1 245.4	1987	96 01 - ABAND 95 10
32	6.90	0.063	0.35	0.92	27	830	36	12 068	-682.4	1 237.8	1988	96 08 - GPP
64	4.20	0.060	0.18	0.85	55	834	31	12 388	-687.3	1 226.2	1988	96 06 - GPP
16	7.30	0.070	0.43	0.92	31	835	35	13 122	-664.4	1 270.8	1987	97 12 - GPP
50	4.70	0.070	0.36	0.85	55	829	31	13 000	-814.0	1 358.3	1992	96 01 - ABAND 95 10
214	6.20	0.090	0.32	0.85	55	829	31	11 632	-628.3	1 281.3	1993	97 12 - GPP
305	4.80	0.100	0.35	0.85	55	829	31	11 578	-630.8	1 285.7	1993	97 12 - GPP
32	11.50	0.060	0.35	0.92	30	834	35	12 597	-666.5	1 249.5	1985	94 02 - GPP
64	8.00	0.070	0.30	0.85	55	829	31	9 175	-701.1	1 259.0	1994	96 08 - GPP
100	11.70	0.090	0.30	0.85	55	829	31	11 988	-627.9	1 266.3	1994	96 08 - GPP
128	9.90	0.100	0.30	0.85	55	829	31	12 005	-630.2	1 284.3	1994	97 12 - GPP
388	6.32	0.100	0.25	0.85	55	829	31	11 835	-599.5	1 233.2	1994	96 09 - GPP
16	6.20	0.080	0.30	0.92	30	835	40	12 325	-631.0	1 249.7	1995	96 10 - GPP
64	9.00	0.070	0.35	0.92	30	834	35	10 336	-637.7	1 241.8	1995	96 03
16	5.90	0.070	0.40	0.92	30	834	35	12 317	-630.0	1 252.5	1996	96 12 - GPP
128	6.50	0.150	0.21	0.92	30	834	35	11 851	-599.4	1 267.1	1995	96 11 - GPP
16	10.40	0.090	0.32	0.85	55	829	31	11 607	-625.0	1 253.5	1996	97 03 - GPP
64	4.50	0.100	0.30	0.85	55	829	31	10 241	-637.3	1 228.5	1995	96 10 - GPP
32	6.00	0.100	0.35	0.88	55	830	37		-606.6	1 261.0	1996	96 11 - GPP
32	9.00	0.100	0.30	0.85	55	829	31	12 199	-703.7	1 351.1	1996	97 12 - GPP
662	4.01	0.096	0.32	0.88	27	828	35	13 850	-705.3	1 284.1	1985	94 12 - GPP
100	3.90	0.148	0.32	0.89	24	833	83	25 398	-1 753.3	2 371.5	1985	95 12 - GPP
100	2.59	0.130	0.31	0.89	36	840	86	25 307	-1 736.9	2 344.3	1985	94 11 - GPP
256	3.65	0.140	0.35	0.89	23	833	72	25 660	-1 775.7	2 372.7	1985	96 08 - GPP
80	3.06	0.162	0.32	0.89	36	840	86	25 769	-1 773.9	2 379.7	1985	94 11 - GPP
64	2.97	0.130	0.24	0.89	36	838	78	25 359	-1 739.6	2 350.9	1984	97 12 - GPP
64	4.50	0.129	0.26	0.89	26	843	78	25 411	-1 746.5	2 352.4	1984	85 01 - GPP
40	4.05	0.116	0.25	0.89	23	832	86	25 200	-1 747.5	2 346.7	1987	94 11 - GPP
320	3.00	0.120	0.39	0.86	30	840	75	25 039	-1 752.3	2 388.9	1956	94 12 - GPP
64	2.41	0.143	0.40	0.89	26	813	81	26 061	-1 813.7	2 417.9	1987	96 01 - ABAND 95 10
128	3.65	0.170	0.48	0.89	36	837	84	24 441	-1 736.3	2 345.1	1987	96 07 - GPP
64	2.48	0.160	0.36	0.89	36	835	75	22 937	-1 729.5	2 335.8	1988	91 01 - GPP
32	3.23	0.152	0.35	0.89	36	835	86	24 440	-1 712.8	2 351.8	1988	96 07 - GPP
64	3.00	0.140	0.38	0.89	36	843	86	25 380	-1 720.0	2 354.0	1986	97 12
64	1.45	0.116	0.37	0.86	30	840	75	24 589	-1 738.4	2 350.9	1987	96 06 - GPP
32	3.50	0.180	0.29	0.89	36	835	86	25 304	-1 769.0	2 373.3	1988	96 07 - GPP
64	1.20	0.110	0.49	0.89	24	848	82	21 519	-1 757.3	2 360.1	1988	97 10 - GPP
64	3.50	0.150	0.32	0.86	72	838	70	21 526	-1 755.6	2 364.5	1988	89 06 - GPP
64	1.57	0.144	0.40	0.89	36	835	86	23 571	-1 703.2	2 341.5	1988	89 06 - ABAND 90 02
32	2.24	0.160	0.26	0.89	36	835	86	24 101	-1 742.0	2 348.1	1988	96 07 - ABAND 96 11
32	4.00	0.120	0.20	0.89	36	835	86	24 026	-1 765.1	2 371.9	1989	92 08 - ABAND 92 05
64	4.20	0.180	0.33	0.89	36	838	62	23 849	-1 704.1	2 313.1	1993	94 01 - GPP
64	1.57	0.140	0.35	0.89	36	834	86	24 075	-1 702.5	2 319.5	1993	94 03 - GPP
64	1.70	0.170	0.27	0.87	32	810	70	23 931	-1 705.1	2 318.7	1993	94 05 - GPP
64	0.60	0.150	0.37	0.89	36	834	86	23 838	-1 702.6	2 312.7	1993	94 05 - GPP
64	2.35	0.170	0.30	0.89	36	834	86	23 317	-1 704.3	2 308.3	1994	95 12 - GPP
32	6.50	0.190	0.25	0.89	36	834	86	23 557	-1 777.1	2 388.3	1994	94 08
64	1.90	0.120	0.50	0.89	37	835	86	23 145	-1 705.0	2 310.7	1994	94 08 - GPP
64	3.10	0.160	0.33	0.89	36	834	86	22 862	-1 704.9	2 300.5	1994	97 12 - GPP
16	1.70	0.190	0.40	0.89	36	834	36	23 352	-1 709.6	2 316.3	1994	96 07 - ABAND 94 09
32	1.42	0.170	0.35	0.89	36	834	36	23 438	-1 718.5	2 334.1	1994	96 08 - GPP
64	2.50	0.180	0.19	0.87	32	810	70	22 997	-1 727.4	2 336.8	1994	95 08 - GPP
32	2.00	0.160	0.39	0.89	36	834	86	22 317	-1 707.0	2 304.1	1994	96 04 - ABAND 95 11
16	2.20	0.130	0.48	0.89	36	834	86	27 195	-1 815.6	2 403.9	1994	95 10 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
SHADOW 074-18W5 (CONTINUED)								
GILWOOD HH	122.0	0.20		24.4		24.4	5.0	19.4
GILWOOD II	104.0	0.20		20.8		20.8	4.5	16.3
GILWOOD JJ	99.0	0.20		19.8		19.8	1.4	18.4
GILWOOD KK	50.9	0.25		12.7		12.7	2.1	10.6
GILWOOD LL	89.4	<0.02		1.1		1.1	1.1	
GILWOOD MM	43.8	0.25		11.0		11.0	1.1	9.9
GRANITE WASH A	222.0	<0.09		18.9		18.9	18.9	
FIELD TOTAL	6 525.1			1 293.0		1 293.0	855.1	437.9
SHANE 077-02W6								
KISKATINAW A	67.2	<0.07		4.5		4.5	4.5	
WABAMUN A	32.8	<0.06		1.8		1.8	1.8	
WABAMUN B	51.9	<0.02		0.7		0.7	0.7	
WABAMUN C	64.2	<0.08		4.7		4.7	4.7	
WABAMUN D	59.6	<0.04		2.3		2.3	2.3	
FIELD TOTAL	275.7			14.0		14.0	14.0	
SHEKILIE 118-08W6								
MUSKEG A	95.3	<0.18		16.3		16.3	16.3	
MUSKEG C	233.0	<0.03		5.9		5.9	5.9	
MUSKEG D	280.0	<0.01		0.7		0.7	0.7	
MUSKEG E	213.0	<0.01		0.8		0.8	0.8	
MUSKEG F	110.0	<0.10		10.7		10.7	10.7	
MUSKEG G	120.0	0.14		16.8		16.8	16.8	
MUSKEG I	75.0	0.35		26.3		26.3	13.9	12.4
MUSKEG J	66.4	0.20		13.3		13.3	12.5	0.8
MUSKEG K	59.2	0.25		14.8		14.8	9.7	5.1
MUSKEG M	124.0	<0.01		0.2		0.2	0.2	
MUSKEG H & KEG RIVER PP	264.0	0.15		39.6		39.6	38.6	1.0
KEG RIVER A	504.0	0.28		141.0		141.0	136.7	4.3
KEG RIVER B	455.0	<0.15		67.4		67.4	67.4	
KEG RIVER C	636.0	<0.23		141.1		141.1	141.1	
KEG RIVER D	493.0	0.35		173.0		173.0	169.4	3.6
KEG RIVER E	159.0	<0.07		9.6		9.6	9.6	
KEG RIVER F	246.0	<0.19		45.1		45.1	45.1	
KEG RIVER G	150.0	0.28		42.0		42.0	41.4	0.6
KEG RIVER H	121.0	<0.22		26.1		26.1	26.1	
KEG RIVER I	229.0	0.05		11.5		11.5	11.2	0.3
KEG RIVER J	388.0	0.27		105.0		105.0	100.6	4.4
KEG RIVER K	272.0	<0.12		32.4		32.4	32.4	
KEG RIVER L	290.0	<0.11		30.2		30.2	30.2	
KEG RIVER M	700.0	<0.04		26.9		26.9	26.9	
KEG RIVER N	50.0	<0.15		7.3		7.3	7.3	
KEG RIVER O	539.0	<0.02		10.1		10.1	10.1	
KEG RIVER P	754.0	<0.03		22.5		22.5	22.5	
KEG RIVER Q	500.0	<0.17		81.0		81.0	81.0	
KEG RIVER R	350.0	<0.06		20.0		20.0	20.0	
KEG RIVER S	41.2	<0.19		7.5		7.5	7.5	
KEG RIVER T	450.0	<0.09		38.9		38.9	38.9	
KEG RIVER U	250.0	<0.31		75.3		75.3	75.3	
KEG RIVER V	151.0	0.40		60.4		60.4	53.4	7.0
KEG RIVER W	299.0	<0.20		58.3		58.3	58.3	
KEG RIVER X	94.1	<0.15		14.1		14.1	14.1	
KEG RIVER Y WATER FLOOD	600.0	0.25	0.08	150.0	48.0	198.0	151.1	46.9
KEG RIVER Z	470.0	0.15		70.5		70.5	56.0	14.5
KEG RIVER AA	70.6	<0.18		12.3		12.3	12.3	
KEG RIVER BB	139.0	<0.06		7.8		7.8	7.8	
KEG RIVER CC	270.0	<0.24		63.1		63.1	63.1	
KEG RIVER EE	200.0	<0.19		37.3		37.3	37.3	
KEG RIVER FF	167.0	<0.01		1.7		1.7	1.7	
KEG RIVER GG	320.0	0.15		48.0		48.0	40.0	8.0
KEG RIVER HH	146.0	<0.02		1.9		1.9	1.9	
KEG RIVER II	205.0	<0.02		3.7		3.7	3.7	
KEG RIVER JJ	98.5	<0.06		5.1		5.1	5.1	
KEG RIVER KK	190.0	<0.06		10.7		10.7	10.7	
KEG RIVER LL	190.0	<0.14		26.1		26.1	26.1	
KEG RIVER MM	153.0	<0.13		19.1		19.1	19.1	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
64	2.20	0.150	0.35	0.89	36	834	86	21 908	-1 727.7	2 326.0	1995	95 11 - GPP
32	2.50	0.190	0.23	0.89	36	834	86	24 048	-1 781.9	2 413.3	1995	96 07 - GPP
16	7.20	0.140	0.31	0.89	36	834	86	19 472	-1 770.3	2 403.4	1996	97 08
32	2.50	0.130	0.45	0.89	36	834	86	23 730	-1 792.5	2 443.7	1996	97 05 - GPP
64	1.51	0.160	0.35	0.89	36	843	86	22 469	-1 728.7	2 333.1	1994	96 12 - ABAND 97 10
32	1.80	0.150	0.43	0.89	36	834	86	17 922	-1 746.2	2 361.9	1996	97 03
64	5.81	0.139	0.50	0.86	39	846	87	24 970	-1 703.9	2 344.6	1986	96 07 - GPP
64	1.25	0.160	0.30	0.75	128	815	70	14 424	-884.1	1 473.9	1977	96 07 - GPP
32	4.00	0.040	0.20	0.80	70	852	68	25 976	-1 642.9	2 317.0	1985	96 07 - GPP
16	14.70	0.040	0.31	0.80	72	859	75	15 250	-1 571.1	2 205.5	1989	96 07 - ABAND 97 02
32	8.90	0.040	0.32	0.83	62	849	61	26 914	-1 769.5	2 439.3	1990	96 07
16	13.50	0.050	0.31	0.80	172	855	73	22 932	-1 754.4	2 398.8	1992	96 07 - GPP
31	5.79	0.089	0.11	0.67	155	811	83	18 028	-1 201.9	1 746.7	1971	75 03 - ABAND 92 12
64	7.60	0.084	0.15	0.67	135	811	83	15 711	-1 178.6	1 664.7	1981	86 12
64	10.50	0.075	0.17	0.67	155	810	83	17 263	-1 201.7	1 739.0	1983	86 12
64	7.80	0.070	0.13	0.70	155	810	83	17 202	-1 192.0	1 701.4	1983	86 12
27	8.37	0.074	0.06	0.70	145	826	75	18 274	-1 151.0	1 767.2	1984	92 10
19	11.40	0.092	0.13	0.70	120	834	76	19 276	-1 171.2	1 787.4	1984	96 07
9	14.39	0.092	0.10	0.70	153	838	68	17 143	-1 124.4	1 751.5	1985	87 11 - GPP
16	12.50	0.050	0.20	0.83	52	849	83	16 000	-1 145.2	1 764.2	1977	90 12 - GPP
32	4.00	0.065	0.11	0.80	66	841	88	20 372	-1 128.9	1 761.3	1986	90 12 - GPP
16	12.50	0.090	0.15	0.81	59	844	66	18 035	-1 202.9	1 763.3	1982	96 07
55	7.92	0.090	0.09	0.74	93	876	70	14 760	-1 208.0	1 817.3	1982	93 05 - GPP
13	66.95	0.094	0.12	0.70	132	839	83	17 900	-1 194.5	1 701.7	1970	96 12 - GPP
12	60.62	0.100	0.08	0.68	151	820	81	17 593	-1 186.6	1 756.6	1971	82 12 - ABAND 87 08
26	39.97	0.100	0.10	0.68	170	839	83	18 411	-1 185.4	1 727.6	1971	94 11 - GPP
15	94.49	0.065	0.15	0.63	176	820	79	18 612	-1 204.6	1 728.2	1971	95 12 - GPP
5	59.04	0.095	0.10	0.63	191	806	79	19 933	-1 197.1	1 754.6	1972	74 12 - GPP
5	113.39	0.073	0.14	0.69	138	825	84	18 673	-1 230.3	1 747.9	1972	88 07 - GPP
6	38.16	0.107	0.10	0.68	106	834	83	18 725	-1 251.0	1 801.8	1974	96 12 - GPP
9	30.44	0.070	0.10	0.70	132	828	80	15 399	-1 185.7	1 776.5	1979	94 12 - GPP
16	28.40	0.090	0.20	0.70	120	834	83	18 028	-1 219.0	1 715.8	1979	95 12 - GPP
64	15.00	0.070	0.15	0.68	150	825	74	5 194	-1 181.9	1 765.5	1979	96 08 - GPP
25	24.40	0.075	0.15	0.70	132	819	83	16 404	-1 201.7	1 722.0	1980	96 07 - GPP
10	49.20	0.090	0.18	0.80	138	823	86	16 011	-1 258.6	1 805.3	1980	96 07 - GPP
11	93.60	0.100	0.15	0.80	132	834	83	16 696	-1 247.8	1 779.0	1980	94 11 - GPP
12	7.00	0.090	0.15	0.78	142	814	81	14 669	-1 167.9	1 747.6	1980	82 01
11	90.00	0.080	0.15	0.80	126	825	85	17 543	-1 253.8	1 777.0	1980	84 12 - ABAND 88 02
16	99.02	0.080	0.15	0.70	124	825	86	16 088	-1 235.8	1 752.8	1980	86 12 - ABAND 90 08
11	64.73	0.120	0.14	0.68	122	835	93	15 006	-1 205.5	1 714.0	1981	96 07 - GPP
10	75.70	0.080	0.15	0.68	143	820	50	18 454	-1 205.1	1 750.5	1981	94 11 - GPP
7	28.00	0.040	0.25	0.70	115	835	87	16 200	-1 277.2	1 832.0	1981	83 12
12	68.90	0.080	0.15	0.80	140	826	86	18 707	-1 272.1	1 759.3	1980	94 11 - GPP
11	39.70	0.100	0.17	0.69	140	826	86	19 938	-1 274.9	1 765.7	1980	94 11 - GPP
16	17.60	0.090	0.15	0.70	150	825	83	17 808	-1 195.1	1 685.8	1979	96 08 - GPP
29	31.90	0.070	0.32	0.68	176	845	83	20 676	-1 234.7	1 751.7	1980	96 07 - GPP
11	28.30	0.060	0.30	0.72	95	845	82	17 634	-1 229.2	1 747.4	1981	94 11 - GPP
28	85.03	0.050	0.20	0.63	151	810	82	20 459	-1 196.4	1 785.6	1980	96 06 - GPP
17	63.20	0.067	0.13	0.75	135	830	68	17 430	-1 197.0	1 797.6	1969	91 02 - GPP
16	15.00	0.060	0.30	0.70	138	833	69	16 158	-1 279.9	1 817.5	1981	88 12 - GPP
9	51.00	0.050	0.15	0.71	113	825	82	15 705	-1 229.2	1 712.5	1981	96 07 - GPP
9	63.02	0.080	0.15	0.70	138	826	80	17 164	-1 231.0	1 721.8	1982	94 11 - GPP
11	41.80	0.080	0.20	0.68	130	835	95	18 379	-1 268.2	1 828.6	1982	94 11 - GPP
4	55.85	0.120	0.12	0.71	132	834	83	14 347	-1 200.1	1 765.6	1983	92 11
16	38.00	0.090	0.14	0.68	113	834	74	17 007	-1 255.5	1 814.0	1983	85 12 - GPP
16	15.30	0.100	0.15	0.70	138	826	80	19 111	-1 229.0	1 728.4	1983	86 12 - ABAND 87 09
16	31.50	0.070	0.17	0.70	138	826	80	16 588	-1 248.0	1 741.3	1983	88 12
15	11.00	0.090	0.16	0.79	180	831	63	15 283	-1 168.0	1 760.9	1983	85 10 - ABAND 87 10
16	24.50	0.080	0.11	0.68	146	821	83	11 449	-1 275.1	1 818.7	1984	89 12 - GPP
8	46.50	0.085	0.09	0.66	133	818	70	19 997	-1 168.7	1 783.0	1984	96 07 - GPP
16	32.20	0.050	0.15	0.70	130	838	49	15 249	-1 131.2	1 755.0	1983	91 12 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
SHEKILIE 118-08W6 (CONTINUED)								
KEG RIVER NN	200.0	<0.16		31.8		31.8	31.8	
KEG RIVER OO	340.0	<0.14		46.4		46.4	46.4	
KEG RIVER QQ	795.0	0.40		318.0		318.0	300.2	17.8
KEG RIVER RR	210.0	<0.17		35.5		35.5	35.5	
KEG RIVER SS	175.0	<0.05		7.2		7.2	7.2	
KEG RIVER TT	397.0	<0.10		36.9		36.9	36.9	
KEG RIVER UU	400.0	<0.06		21.6		21.6	21.6	
KEG RIVER VV	250.0	<0.08		19.2		19.2	19.2	
KEG RIVER WW	306.0	<0.12		34.8		34.8	34.8	
KEG RIVER XX	45.0	<0.10		4.4		4.4	4.4	
KEG RIVER YY	158.0	<0.11		16.4		16.4	16.4	
KEG RIVER ZZ	389.0	<0.04		13.6		13.6	13.6	
KEG RIVER AAA	500.0	0.13		65.0		65.0	62.9	2.1
KEG RIVER BBB	300.0	<0.02		4.8		4.8	4.8	
KEG RIVER CCC	500.0	<0.04		17.7		17.7	17.7	
KEG RIVER DDD	300.0	<0.04		10.6		10.6	10.6	
KEG RIVER EEE	500.0	<0.06		27.3		27.3	27.3	
KEG RIVER FFF	325.0	<0.01		0.9		0.9	0.9	
KEG RIVER GGG	595.0	<0.02		7.5		7.5	7.5	
KEG RIVER HHH	200.0	<0.03		4.6		4.6	4.6	
KEG RIVER III WATER FLOOD	142.0	0.30	0.03	42.6	4.7	47.3	47.3	
KEG RIVER JJJ	206.0	<0.01		0.4		0.4	0.4	
KEG RIVER KKK	450.0	<0.02		8.7		8.7	8.7	
KEG RIVER LLL	300.0	0.15		45.0		45.0	30.6	14.4
KEG RIVER MMM	330.0	0.15		49.5		49.5	37.8	11.7
KEG RIVER NNN	130.0	<0.02		2.1		2.1	2.1	
KEG RIVER OOO	325.0	0.25		81.3		81.3	74.7	6.6
KEG RIVER PPP	100.0	0.15		15.0		15.0	13.9	1.1
KEG RIVER QQQ	240.0	<0.07		15.9		15.9	15.9	
KEG RIVER SSS	400.0	<0.05		16.3		16.3	16.3	
KEG RIVER TTT	207.0	<0.08		15.4		15.4	15.4	
KEG RIVER UUU WATER FLOOD	1 500.0	0.30	0.15	450.0	225.0	675.0	448.4	226.6
KEG RIVER VVV	250.0	<0.04		9.8		9.8	9.8	
KEG RIVER WWW	23.4	<0.04		0.9		0.9	0.9	
KEG RIVER XXX	86.6	<0.05		4.0		4.0	4.0	
KEG RIVER YYY	720.0	0.10		72.0		72.0	66.8	5.2
KEG RIVER ZZZ	239.0	0.15		35.9		35.9	26.0	9.9
KEG RIVER A2A	433.0	0.10		43.3		43.3	31.6	11.7
KEG RIVER B2B	200.0	<0.08		15.7		15.7	15.7	
KEG RIVER C2C	203.0	<0.10		18.7		18.7	18.6	0.1
KEG RIVER D2D	34.0	0.55		18.7		18.7	14.9	3.8
KEG RIVER E2E	168.0	<0.01		0.5		0.5	0.5	
KEG RIVER F2F WATER FLOOD	120.0	0.30	0.05	36.0	6.0	42.0	34.0	8.0
KEG RIVER G2G WATER FLOOD	140.0	0.31	0.05	43.4	7.0	50.4	35.9	14.5
KEG RIVER H2H	31.0	<0.01		0.1		0.1	0.1	
KEG RIVER I2I WATER FLOOD	1 815.0	0.30	0.10	545.0	182.0	727.0	285.1	441.9
KEG RIVER J2J	460.0	<0.05		22.2		22.2	22.2	
KEG RIVER K2K	182.0	0.10		18.2		18.2	8.6	9.6
KEG RIVER L2L	115.0	0.20		23.0		23.0	5.3	17.7
KEG RIVER M2M WATER FLOOD	674.0	0.15	0.02	101.0	13.5	115.0	51.0	64.0
KEG RIVER N2N WATER FLOOD	228.0	0.30	0.08	68.4	18.2	86.6	23.9	62.7
KEG RIVER O2O	614.0	0.25		154.0		154.0	37.3	116.7
KEG RIVER P2P	86.4	<0.02		1.4		1.4	1.4	
KEG RIVER Q2Q	257.0	0.25		64.3		64.3	29.3	35.0
KEG RIVER R2R	159.0	<0.01		0.9		0.9	0.9	
KEG RIVER S2S WATER FLOOD	556.0	0.20	0.10	111.0	55.6	167.0	36.5	130.5
KEG RIVER T2T WATER FLOOD	238.0	0.10	0.25	23.8	59.5	83.3	5.1	78.2
KEG RIVER V2V	297.0	0.25		74.3		74.3	5.5	68.8
FIELD TOTAL	32 524.7			4 822.3	619.5	5 442.7	3 975.2	1 467.5

LIGHT-MEDIUM CRUDE OIL POOLS

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
12	32.50	0.090	0.10	0.63	111	824	76	19 922	-1 143.2	1 763.5	1983	94 11 - GPP
28	34.68	0.059	0.14	0.69	133	816	89	19 801	-1 176.6	1 789.7	1983	96 07
30	56.02	0.073	0.10	0.72	119	845	70	17 197	-1 131.1	1 741.6	1971	77 05 - GPP
4	42.00	0.180	0.10	0.77	112	870	82	19 167	-1 201.0	1 840.0	1983	94 11 - ABAND 96 04
5	67.00	0.080	0.15	0.77	96	845	71	18 118	-1 151.1	1 784.5	1983	94 11 - ABAND 96 04
9	63.30	0.120	0.17	0.70	130	830	49	16 757	-1 154.0	1 783.8	1983	94 11 - GPP
8	93.80	0.090	0.20	0.74	146	827	83	13 974	-1 195.8	1 829.0	1983	94 11 - ABAND 96 04
17	24.80	0.100	0.14	0.69	130	824	98	19 404	-1 261.0	1 824.8	1984	94 11
13	46.92	0.086	0.19	0.72	80	826	80	17 812	-1 186.0	1 671.9	1984	94 11
6	33.08	0.041	0.21	0.70	138	826	80	17 286	-1 238.5	1 735.1	1984	88 12 - GPP
10	20.30	0.120	0.10	0.72	120	835	56	18 889	-1 133.8	1 760.0	1984	94 11 - GPP
10	56.40	0.110	0.13	0.72	105	803	85	18 875	-1 144.9	1 776.3	1985	94 11 - GPP
11	80.20	0.095	0.11	0.67	151	808	91	18 577	-1 231.2	1 768.5	1985	96 12 - GPP
10	46.90	0.100	0.20	0.80	74	845	82	17 071	-1 155.7	1 786.8	1985	94 11 - ABAND 96 04
15	101.10	0.054	0.15	0.72	118	840	60	18 111	-1 171.5	1 810.5	1985	94 11 - ABAND 96 04
7	98.80	0.070	0.14	0.72	113	840	64	15 668	-1 207.7	1 838.1	1985	94 11 - ABAND 85 04
11	66.50	0.113	0.16	0.72	114	840	61	18 012	-1 227.0	1 862.0	1985	94 11 - GPP
16	45.30	0.075	0.12	0.68	150	820	82	12 215	-1 207.5	1 789.2	1985	85 08 - ABAND 93 03
10	87.00	0.095	0.10	0.80	74	834	82	21 641	-1 172.5	1 804.2	1985	94 11 - GPP
8	65.10	0.080	0.20	0.60	195	820	60	11 659	-1 162.4	1 788.2	1985	94 11 - GPP
4	79.00	0.069	0.12	0.74	167	835	62	19 518	-1 161.4	1 777.8	1985	96 09 - GPP
16	34.50	0.066	0.18	0.69	130	808	98	13 843	-1 207.1	1 776.3	1985	86 09 - ABAND 87 05
13	76.94	0.079	0.15	0.67	151	830	91	15 876	-1 175.4	1 780.2	1986	87 10 - ABAND 87 11
10	46.09	0.103	0.11	0.71	120	845	71	15 153	-1 114.2	1 723.5	1985	94 11 - GPP
14	46.19	0.086	0.14	0.69	130	826	72	18 396	-1 134.7	1 756.7	1985	94 11 - GPP
10	33.24	0.076	0.17	0.62	153	830	76	16 284	-1 158.4	1 785.5	1985	96 07 - GPP
11	46.70	0.099	0.18	0.78	153	811	76	13 803	-1 140.1	1 760.1	1986	87 08
14	11.67	0.100	0.15	0.72	133	841	70	18 244	-1 162.0	1 784.9	1982	87 07 - GPP
10	55.00	0.074	0.17	0.71	149	815	88	15 042	-1 250.8	1 798.5	1987	94 11 - GPP
11	42.83	0.144	0.12	0.67	153	848	76	18 076	-1 135.4	1 757.5	1987	92 03 - ABAND 91 10
16	47.50	0.042	0.10	0.72	133	838	70	17 913	-1 208.8	1 829.3	1987	96 07 - GPP
40	76.85	0.079	0.13	0.71	133	838	70	16 800	-1 167.0	1 766.5	1986	94 12 - GPP
15	48.35	0.057	0.16	0.72	133	838	70	16 743	-1 169.5	1 775.3	1986	94 11 - GPP
16	7.70	0.040	0.29	0.67	153	840	76	19 937	-1 209.0	1 825.9	1987	91 09 - ABAND 91 03
16	19.00	0.050	0.15	0.67	153	838	76	15 381	-1 122.3	1 745.6	1987	94 11 - GPP
12	85.36	0.110	0.10	0.71	132	834	83	14 695	-1 202.4	1 706.2	1987	92 08 - GPP
12	32.00	0.093	0.13	0.77	153	849	76	16 676	-1 117.9	1 740.0	1988	94 11
8	75.37	0.120	0.12	0.68	151	821	82	14 123	-1 251.1	1 792.8	1988	92 12 - GPP
4	60.63	0.132	0.12	0.71	132	834	83	14 056	-1 250.0	1 793.0	1988	96 07 - GPP
10	25.80	0.120	0.17	0.79	80	837	80	15 993	-1 272.2	1 800.3	1988	94 11 - GPP
1	57.00	0.120	0.30	0.71	133	838	70	17 083	-1 256.4	1 776.7	1988	97 12 - GPP
11	28.80	0.080	0.14	0.77	96	845	71	16 658	-1 115.4	1 731.8	1989	93 10 - ABAND 93 02
3	35.20	0.180	0.11	0.71	132	834	83	14 327	-1 242.0	1 747.0	1989	96 09 - GPP
5	39.10	0.120	0.16	0.71	106	834	82	15 542	-1 240.6	1 750.0	1989	96 07 - GPP
16	7.00	0.050	0.23	0.72	133	838	70	15 636	-1 212.9	1 735.5	1989	94 11 - ABAND 95 03
57	56.00	0.090	0.11	0.71	131	840	82	16 144	-1 191.0	1 758.6	1990	94 09 - GPP
16	44.00	0.100	0.14	0.76	106	833	82	12 331	-1 246.9	1 801.5	1991	96 07 - GPP
16	47.50	0.040	0.19	0.74	218	865	85	20 749	-1 272.1	1 771.8	1991	94 11 - GPP
16	15.00	0.090	0.22	0.68	151	820	82	17 297	-1 172.1	1 767.6	1989	96 08 - GPP
81	19.74	0.075	0.23	0.73	125	829	80	15 402	-1 181.8	1 678.5	1992	95 10 - GPP
26	24.70	0.060	0.19	0.73	117	829	86	14 750	-1 149.0	1 747.5	1992	94 05 - GPP
16	57.00	0.110	0.10	0.68	151	890	82	15 871	-1 175.7	1 744.0	1993	93 12
8	20.00	0.080	0.10	0.75	106	833	82	14 183	-1 186.8	1 665.0	1993	96 07 - GPP
16	28.00	0.090	0.14	0.74	218	865	85	18 474	-1 272.2	1 833.0	1993	94 01
10	22.60	0.100	0.10	0.78	104	846	81	15 265	-1 342.7	1 792.0	1973	96 07
10	66.00	0.130	0.10	0.72	133	838	70	14 013	-1 168.6	1 756.0	1994	96 11
6	39.30	0.140	0.10	0.80	138	823	86	9 247	-1 239.5	1 787.8	1995	96 11 - GPP
16	24.00	0.110	0.10	0.78	104	846	81		-1 193.8	1 726.0	1996	97 07 - GPP

TABLE 2-6

FIELD POOL	1	2	3	4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
SHELDON 073-22W5								
GILWOOD A	81.9	<0.01		0.2		0.2	0.2	
FIELD TOTAL	81.9			0.2		0.2	0.2	
SHOAL 082-07W5								
GRANITE WASH A	150.0	<0.09		12.6		12.6	12.6	
FIELD TOTAL	150.0			12.6		12.6	12.6	
SHOULDICE 020-23W4								
BOW ISLAND A	78.6	<0.01		0.3		0.3	0.3	
GLAUCONITIC B	29.7	<0.01		0.2		0.2	0.2	
GLAUCONITIC E	500.0	0.20	0.03	100.0	15.0	115.0	113.6	1.4
WATER FLOOD								
GLAUCONITIC G	1 250.0	0.15		188.0		188.0	176.0	12.0
GLAUCONITIC H	351.0	<0.01		2.8		2.8	2.8	
GLAUCONITIC I	580.0	0.25		145.0		145.0	93.2	51.8
GLAUCONITIC J	200.0	<0.08		15.4		15.4	15.4	
GLAUCONITIC K	145.0	0.20		29.0		29.0	21.9	7.1
GLAUCONITIC M	1 000.0	0.10		100.0		100.0	44.2	55.8
GLAUCONITIC N	405.0	0.05		20.3		20.3	10.1	10.2
GLAUCONITIC Q	424.0	0.10		42.4		42.4	29.0	13.4
GLAUCONITIC R	938.0	0.10		93.8		93.8	32.0	61.8
GLAUCONITIC S	489.0	0.10		48.9		48.9	27.5	21.4
GLAUCONITIC T	73.9	<0.01		0.1		0.1	0.1	
GLAUCONITIC U	118.0	0.10		11.8		11.8	8.3	3.5
GLAUCONITIC V	40.0	0.05		2.0		2.0	0.9	1.1
ELLERSLIE A	61.2	<0.04		1.9		1.9	1.9	
ELLERSLIE B	41.4	<0.01		0.2		0.2	0.2	
ELLERSLIE C	767.0	0.15		115.0		115.0	95.3	19.7
ELLERSLIE E	172.0	<0.01		0.7		0.7	0.7	
ELLERSLIE F	34.2	<0.02		0.4		0.4	0.4	
ELLERSLIE G	45.6	0.15		6.8		6.8	3.2	3.6
ELLERSLIE J	79.3	<0.01		0.1		0.1	0.1	
ELLERSLIE M	28.3	<0.06		1.5		1.5	1.5	
ELLERSLIE N	13.5	<0.04		0.5		0.5	0.5	
ELLERSLIE O	71.6	<0.01		0.3		0.3	0.3	
ELLERSLIE P	211.0	<0.06		10.9		10.9	10.9	
ELLERSLIE Q	14.7	<0.05		0.7		0.7	0.7	
ELLERSLIE R	25.3	<0.03		0.6		0.6	0.6	
ELLERSLIE S	33.9	<0.02		0.5		0.5	0.5	
ELLERSLIE T	60.5	0.10		6.1		6.1	0.8	5.3
PEKISKO A	255.0	0.05		12.8		12.8	1.6	11.2
FIELD TOTAL	8 536.7			959.0	15.0	974.0	694.7	279.3
SIMONETTE 063-26W5								
DUNVEGAN A	1 920.0	0.11		211.0		211.0	195.8	15.2
DUNVEGAN B	109.0	<0.01		0.2		0.2	0.2	
DUNVEGAN F	18.2	0.10		1.8		1.8	0.7	1.1
BLUESKY A	150.0	0.20		30.0		30.0	28.1	1.9
GETHING C	126.0	<0.02		1.9		1.9	1.9	
GETHING F	216.0	0.10		21.6		21.6	4.5	17.1
NORDEGG A	833.0	0.04		33.3		33.3	30.6	2.7
WABAMUN C	1 513.0	<0.02		29.3		29.3	29.3	
WABAMUN D	284.0	0.15		42.6		42.6	4.1	38.5
D-3 TOTAL	18 000.0			6 864.0	72.0	6 936.0	6 487.9	448.1
PRIMARY AREA	16 800.0	0.38		6 384.0		6 384.0		
SOLVENT FLOOD AREA	1 200.0	0.40	0.06	480.0	72.0	552.0		
D-3 B	526.0	0.12		63.1		63.1	56.1	7.0
D-3 C	871.0	0.52		453.0		453.0	348.4	104.6
D-3 D	890.0	0.30		267.0		267.0	57.1	209.9
D-3 E	131.0	0.35		45.9		45.9	8.0	37.9
BEAVERHILL LAKE A	6 600.0	0.15	0.30	990.0	1 980.0	2 970.0	1 354.5	1 615.5
WATER FLOOD								
BEAVERHILL LAKE B	1 700.0	0.15	0.25	255.0	425.0	680.0	263.2	416.8
WATER FLOOD								
FIELD TOTAL	33 887.2			9 309.7	2 477.0	11 786.7	8 870.4	2 916.3

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
64	1.60	0.165	0.43	0.85	43	842	94	29 388	-2 117.0	2 854.2	1987	89 12 - ABAND 95 02
119	1.70	0.110	0.27	0.92	54	832	50	17 671	-1 027.4	1 646.6	1982	96 07 - GPP
64	1.50	0.150	0.40	0.91	32	847	40	7 814	-358.3	1 393.0	1984	84 09 - ABAND 84 03
64	0.60	0.140	0.35	0.85	59	871	42	13 629	-599.5	1 623.5	1982	83 02 - ABAND 91 07
64	5.13	0.230	0.16	0.79	92	849	39	13 627	-598.8	1 651.0	1975	93 12 - GPP
121	8.98	0.210	0.25	0.73	120	824	46	13 445	-640.0	1 643.1	1981	89 10 - GPP
64	5.76	0.172	0.30	0.79	98	813	42	12 814	-651.7	1 624.5	1986	92 10
64	7.28	0.210	0.25	0.79	98	838	45	13 194	-606.0	1 666.5	1987	95 01 - GPP
64	2.47	0.200	0.20	0.79	98	813	42	13 220	-617.8	1 657.6	1981	94 08 - ABAND 94 05
64	1.80	0.210	0.24	0.79	98	813	43	13 434	-661.1	1 661.8	1987	91 12 - GPP
128	7.36	0.184	0.27	0.79	110	850	42	12 779	-632.1	1 654.0	1988	89 06
128	2.51	0.210	0.24	0.79	98	813	42	13 723	-571.7	1 472.6	1989	93 10 - GPP
98	3.67	0.210	0.29	0.79	98	813	42	11 378	-575.6	1 532.2	1993	96 05 - GPP
64	12.05	0.200	0.23	0.79	98	813	42	11 714	-572.8	1 498.0	1993	96 05 - GPP
44	8.80	0.200	0.20	0.79	98	813	42	12 957	-645.8	1 645.6	1994	94 07 - GPP
16	5.00	0.180	0.35	0.79	98	813	42	13 001	-550.1	1 438.0	1994	96 07
32	3.60	0.180	0.28	0.79	98	813	42	12 108	-656.7	1 538.9	1995	96 10
16	1.92	0.220	0.25	0.79	98	813	42	4 284	-576.5	1 496.0	1993	96 04
64	1.60	0.120	0.40	0.83	46	838	40	13 409	-628.0	1 658.0	1981	83 02 - ABAND 86 02
32	1.50	0.160	0.35	0.83	66	859	44	14 586	-709.3	1 717.3	1981	94 02 - ABAND 93 10
488	1.94	0.160	0.39	0.83	96	854	40	13 912	-651.9	1 586.9	1972	93 12 - GPP
64	4.50	0.120	0.40	0.83	66	873	51	14 501	-653.0	1 679.8	1982	86 12 - ABAND 85 06
16	2.30	0.190	0.41	0.83	125	850	65	13 434	-616.3	1 684.0	1987	96 07
64	1.20	0.130	0.45	0.83	83	839	45	12 324	-636.0	1 596.0	1980	89 03 - GPP
16	8.20	0.140	0.48	0.83	83	839	45	11 115	-612.1	1 542.6	1989	96 07 - ABAND 94 04
32	1.00	0.150	0.29	0.83	83	839	45	13 632	-650.2	1 544.4	1991	96 07
32	0.80	0.130	0.51	0.83	83	838	45	13 627	-629.6	1 601.1	1991	94 05 - ABAND 93 08
32	3.00	0.140	0.35	0.82	83	839	45	14 757	-659.2	1 548.6	1991	94 08 - ABAND 93 11
64	3.39	0.170	0.35	0.88	48	844	49	14 134	-692.9	1 712.5	1976	96 07 - GPP
16	1.90	0.110	0.45	0.80	84	854	55	12 095	-630.2	1 546.1	1980	96 07 - GPP
16	1.70	0.160	0.30	0.83	96	854	40	13 345	-590.9	1 525.7	1993	96 07 - GPP
16	2.50	0.150	0.31	0.82	83	838	45	13 320	-619.3	1 633.8	1994	94 12 - ABAND 94 09
64	1.20	0.150	0.36	0.82	83	839	45	13 370	-594.1	1 489.6	1994	95 08 - GPP
32	7.60	0.190	0.38	0.89	46	843	45		-733.5	1 638.8	1973	97 10
384	7.22	0.130	0.35	0.82	77	822	61	13 496	-968.4	1 987.7	1980	97 12 - GPP
64	3.30	0.098	0.36	0.82	70	822	61	13 312	-985.3	1 927.0	1980	83 12 - ABAND 82 11
16	2.80	0.087	0.35	0.72	97	825	61	13 483	-974.1	1 881.4	1983	97 12
128	1.62	0.130	0.13	0.64	199	822	83	20 351	-1 470.1	2 429.4	1986	94 12 - GPP
64	3.50	0.120	0.23	0.61	323	773	79	26 452	-1 666.3	2 881.2	1981	97 06 - ABAND 97 02
64	4.20	0.170	0.26	0.64	181	828	83	19 619	-1 424.1	2 374.9	1994	95 08
32	22.00	0.150	0.17	0.95	19	902	83	28 701	-1 523.5	2 408.1	1988	96 08 - GPP
64	44.50	0.100	0.17	0.64	172	825	96	33 085	-2 455.0	3 354.2	1964	84 02 - ABAND 93 02
14	28.90	0.120	0.10	0.65	165	800	100	33 153	-2 465.8	3 402.0	1994	95 10
3 136					552	792	105	35 560	-2 657.0	3 537.5	1958	96 12 - GPP
2 992	28.37	0.062	0.16	0.38								
144	42.11	0.062	0.16	0.38								
64	28.60	0.090	0.16	0.38	552	793	95	32 891	-2 685.4	3 545.0	1982	93 12 - GPP
100	39.90	0.080	0.12	0.31	555	788	105	36 073	-2 673.8	3 550.0	1985	94 12 - GPP
179	19.40	0.080	0.11	0.36	516	788	106	35 915	-2 742.5	3 579.8	1992	96 08
32	18.00	0.060	0.12	0.43	470	780	105	35 789	-2 719.0	3 545.0	1993	96 08
1 453	12.10	0.080	0.08	0.51	323	808	112	39 307	-2 918.3	3 805.2	1993	96 12 - GPP
673	7.95	0.070	0.11	0.51	351	806	112	39 205	-2 941.6	3 891.0	1994	96 12 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
SIMONETTE NORTH 064-25W5								
WABAMUN A	395.0	<0.02		4.3		4.3	4.3	
FIELD TOTAL	395.0			4.3		4.3	4.3	
SINCLAIR 075-12W6								
DOE CREEK B	1 379.0	0.10		138.0		138.0	78.4	59.6
DOE CREEK C	32.3	<0.09		2.6		2.6	2.6	
DOE CREEK D	2 633.0	0.10		263.0		263.0	183.2	79.8
DOE CREEK H	52.2	0.15		7.8		7.8	7.2	0.6
DOE CREEK I & J	277.0	0.05		13.8		13.8	11.2	2.6
FIELD TOTAL	4 373.5			425.2		425.2	282.6	142.6
SKARO 057-19W4								
COOKING LAKE	1 257.0	0.10		126.0		126.0	61.7	64.3
FIELD TOTAL	1 257.0			126.0		126.0	61.7	64.3
SLAVE 084-14W5								
SLAVE POINT H	5 080.0	0.30		1 524.0		1 524.0	1 370.0	154.0
SLAVE POINT L	1 360.0	0.14		190.0		190.0	174.0	16.0
SLAVE POINT N	156.0	<0.07		10.8		10.8	10.8	
SLAVE POINT O	339.0	<0.02		4.1		4.1	4.1	
SLAVE POINT P	31.3	<0.01		0.1		0.1	0.1	
SLAVE POINT Q	125.0	0.09		11.3		11.3	11.3	
SLAVE POINT R	103.0	<0.01		0.9		0.9	0.9	
SLAVE POINT S	3 915.0	0.30		1 175.0		1 175.0	1 169.8	5.2
SLAVE POINT T	410.0	0.08		32.8		32.8	25.1	7.7
SLAVE POINT U	141.0	<0.02		1.7		1.7	1.7	
SLAVE POINT V	172.0	<0.01		0.1		0.1	0.1	
SLAVE POINT X	92.5	<0.09		8.0		8.0	8.0	
SLAVE POINT Z	32.0	0.01		0.3		0.3	0.3	
SLAVE POINT BB	134.0	<0.02		2.0		2.0	2.0	
SLAVE POINT CC	278.0	<0.06		15.1		15.1	15.1	
SLAVE POINT AA & GRANITE WASH F	387.0	0.25		96.8		96.8	55.2	41.6
GRANITE WASH B	45.5	0.20		9.1		9.1	6.0	3.1
GRANITE WASH D	46.8	<0.14		6.3		6.3	6.3	
GRANITE WASH E	91.8	<0.05		4.1		4.1	4.1	
FIELD TOTAL	12 939.9			3 092.5		3 092.5	2 864.9	227.6
SNIPE LAKE 071-18W5								
BEAVERHILL LAKE TOTAL	31 050.0			3 730.0	7 130.0	10 860.0	9 788.2	1 071.8
PRIMARY AREA	52.0	0.19		9.9		9.9		
WATER FLOOD AREA	31 000.0	0.12	0.23	3 720.0	7 130.0	10 850.0		
BEAVERHILL LAKE B	138.0	0.25		34.5		34.5	30.7	3.8
GILWOOD A	91.2	<0.09		8.2		8.2	8.2	
FIELD TOTAL	31 279.2			3 772.7	7 130.0	10 902.7	9 827.1	1 075.6
SOUNDING 030-09W4								
UPPER MANNVILLE D	53.7	0.10		5.4		5.4	2.7	2.7
UPPER MANNVILLE E	103.0	0.05		5.2		5.2	1.7	3.5
FIELD TOTAL	156.7			10.6		10.6	4.4	6.2
SOUSA 113-04W6								
SULPHUR POINT A	79.7	<0.01		0.3		0.3	0.3	
KEG RIVER A	281.0	0.11		30.9		30.9	26.6	4.3
KEG RIVER B	140.0	<0.03		3.9		3.9	3.9	
KEG RIVER C	308.0	0.05		15.4		15.4	10.5	4.9
KEG RIVER D	1 390.0	0.10		139.0		139.0	102.7	36.3
KEG RIVER E	250.0	0.20		50.0		50.0	35.7	14.3
KEG RIVER F	891.0	0.20		178.0		178.0	101.8	76.2
KEG RIVER G	356.0	<0.01		1.9		1.9	1.9	
KEG RIVER H	396.0	<0.13		49.8		49.8	49.8	
KEG RIVER I	60.5	0.20		12.1		12.1	8.7	3.4
KEG RIVER J	256.0	<0.01		0.3		0.3	0.3	
KEG RIVER K	108.0	0.25		27.0		27.0	6.3	20.7

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
65	10.67	0.120	0.27	0.65	160	835	93	30 615	-2 253.2	3 090.2	1974	77 05 - ABAND 78 05
446	2.27	0.210	0.31	0.94	38	837	28	4 532	46.6	789.6	1984	93 12
16	2.80	0.150	0.40	0.80	84	861	32	7 591	-270.4	1 086.0	1978	96 07 - GPP
512	3.89	0.178	0.21	0.94	70	822	35	7 629	-113.8	928.0	1986	88 02 - GPP
64	0.98	0.140	0.34	0.90	37	837	36	6 322	-147.3	954.0	1987	95 12 - GPP
128	2.12	0.170	0.36	0.94	19	831	38	6 720	-198.2	991.6	1987	90 08 - GPP
400	2.74	0.180	0.30	0.91	28	860	41	8 481	-487.1	1 120.8	1951	97 10 - GPP
832	10.08	0.085	0.19	0.88	32	827	50	17 417	-1 059.5	1 743.5	1982	85 08 - GPP
320	5.33	0.108	0.17	0.89	32	827	50	16 913	-1 042.0	1 670.7	1984	94 12 - GPP
32	8.70	0.085	0.29	0.93	12	825	56	16 364	-1 080.2	1 790.8	1985	96 07 - GPP
64	8.00	0.095	0.25	0.93	44	820	55	17 426	-1 078.0	1 799.6	1984	87 12 - ABAND 89 03
64	1.31	0.060	0.33	0.93	12	825	56	16 753	-1 086.9	1 803.1	1985	86 03 - ABAND 94 02
128	3.18	0.057	0.42	0.93	12	825	56	17 046	-1 074.2	1 791.9	1985	93 03 - ABAND 92 11
64	6.05	0.060	0.48	0.85	12	830	56	16 145	-1 067.7	1 772.6	1985	89 12 - ABAND 88 10
1 209	6.07	0.081	0.26	0.89	32	827	50	17 367	-1 042.3	1 702.1	1980	87 10 - GPP
128	8.63	0.057	0.26	0.88	39	847	54	15 950	-1 069.2	1 791.0	1985	91 12 - GPP
64	5.68	0.062	0.29	0.88	39	840	54	16 221	-1 074.9	1 797.5	1985	86 05 - ABAND 89 09
64	5.00	0.090	0.32	0.88	36	823	50	16 372	-1 048.3	1 690.4	1986	86 08
64	5.24	0.055	0.43	0.88	36	823	55	15 321	-1 041.7	1 743.8	1986	96 07 - GPP
16	3.80	0.080	0.26	0.89	32	820	50	15 231	-1 053.8	1 713.1	1987	92 12 - GPP
64	5.09	0.063	0.26	0.88	36	818	50	16 189	-1 079.5	1 795.4	1986	92 03 - ABAND 91 10
100	5.39	0.069	0.16	0.89	32	825	50	16 643	-1 051.2	1 705.3	1987	93 05 - ABAND 93 03
192	3.70	0.090	0.32	0.89	32	825	50	16 610	-1 042.6	1 714.6	1987	94 01 - GPP
64	2.00	0.070	0.41	0.86	40	825	68	17 662	-1 070.0	1 782.5	1985	86 03 - GPP
16	2.80	0.150	0.18	0.85	46	835	69	16 979	-1 059.6	1 753.7	1985	94 11 - ABAND 93 03
64	1.80	0.120	0.19	0.82	62	835	69	17 039	-1 056.9	1 764.0	1985	93 10 - ABAND 93 03
7 237					59	839	88	26 195	-1 837.4	2 628.5	1962	94 11 - GPP
64	2.00	0.067	0.27	0.83								
7 173	10.49	0.068	0.27	0.83								
64	3.41	0.100	0.24	0.83	53	829	66	26 397	-1 833.7	2 652.8	1985	94 02 - GPP
64	1.84	0.150	0.42	0.89	36	834	86	24 122	-1 844.9	2 653.9	1987	96 07 - GPP
16	2.10	0.250	0.29	0.90	39	873	33	6 750	-152.7	919.6	1971	97 12 - GPP
32	2.50	0.220	0.35	0.90	40	918	37	3 594	-243.2	1 009.8	1993	94 07 - GPP
16	17.83	0.046	0.25	0.81	74	876	72	14 177	-1 080.0	1 414.4	1968	93 06 - ABAND 93 03
22	33.22	0.060	0.20	0.80	80	839	74	15 214	-1 192.0	1 529.0	1969	97 12 - GPP
11	55.84	0.037	0.30	0.88	30	839	70	14 919	-1 159.1	1 494.4	1967	92 10
16	84.70	0.037	0.31	0.89	32	834	75	14 887	-1 150.0	1 484.1	1968	90 11 - GPP
74	66.63	0.045	0.28	0.87	39	844	80	15 269	-1 176.0	1 508.5	1969	96 11 - GPP
16	29.53	0.075	0.15	0.83	62	849	71	15 028	-1 162.5	1 495.3	1970	85 12 - GPP
47	49.82	0.054	0.19	0.87	39	844	80	15 525	-1 194.1	1 527.2	1970	96 11 - GPP
16	53.28	0.060	0.20	0.87	39	844	80	15 659	-1 210.7	1 543.5	1970	92 11 - ABAND 90 02
25	64.11	0.040	0.29	0.87	39	844	80	15 219	-1 193.2	1 526.7	1970	96 04 - ABAND 95 03
11	49.01	0.020	0.37	0.89	32	829	75	14 873	-1 155.4	1 488.5	1970	95 12 - GPP
15	70.01	0.040	0.30	0.87	57	849	80	15 333	-1 225.0	1 559.7	1970	81 05 - ABAND 90 03
64	30.30	0.010	0.36	0.87	39	848	80	14 371	-1 165.4	1 500.1	1985	86 05 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
SOUSA 113-04W6 (CONTINUED)								
KEG RIVER L	32.9	<0.01		0.1		0.1	0.1	
KEG RIVER M	124.0	<0.06		6.8		6.8	6.8	
KEG RIVER N	160.0	<0.07		10.6		10.6	10.6	
KEG RIVER O	70.0	0.04		2.8		2.8	2.8	
KEG RIVER P	276.0	0.05		13.8		13.8	5.3	8.5
KEG RIVER Q	136.0	0.35		47.6		47.6	20.5	27.1
KEG RIVER R	179.0	0.05		9.0		9.0	8.1	0.9
KEG RIVER S	30.3	<0.05		1.4		1.4	1.4	
KEG RIVER T	180.0	0.16		28.8		28.8	23.8	5.0
KEG RIVER U	74.0	<0.01		0.4		0.4	0.4	
KEG RIVER W	1 199.0	0.20		240.0		240.0	51.7	188.3
KEG RIVER X	360.0	0.25		90.0		90.0	12.3	77.7
KEG RIVER Y	103.0	0.20		20.6		20.6	0.7	19.9
KEG RIVER Z	122.0	0.30		36.6		36.6	1.9	34.7
KEG RIVER AA	40.7	0.30		12.2		12.2	1.0	11.2
KEG RIVER BB	113.0	0.30		33.9		33.9	7.6	26.3
KEG RIVER CC	81.3	0.25		20.3		20.3	0.1	20.2
FIELD TOTAL	7 797.4			1 083.5		1 083.5	503.6	579.9
SPIRIT RIVER 078-07W6								
DOE CREEK F	890.0	0.02		17.8		17.8	8.7	9.1
GETHING A	69.4	<0.01		0.1		0.1	0.1	
GETHING D	125.0	<0.01		1.0		1.0	1.0	
BALDONNEL A	171.0	<0.01		0.5		0.5	0.5	
CHARLIE LAKE D	240.0	0.10		24.0		24.0	12.5	11.5
CHARLIE LAKE F	54.8	<0.01		0.3		0.3	0.3	
CHARLIE LAKE J	61.8	<0.25		14.9		14.9	14.9	
CHARLIE LAKE L	119.0	0.10		11.9		11.9	2.7	9.2
CHARLIE LAKE G,H & I	135.0	<0.05		6.7		6.7	6.7	
CHARLIE LAKE E & M	1 980.0	0.15		297.0		297.0	183.8	113.2
CHARLIE LAKE K & HALFWAY F TOTAL	7 186.0			1 184.0	1 252.0	2 436.0	2 284.1	151.9
PRIMARY AREA	227.0	<0.01		1.0		1.0		
WATER FLOOD AREA	6 959.0	0.17	0.18	1 183.0	1 252.0	2 435.0		
FIELD TOTAL	11 032.0			1 558.2	1 252.0	2 810.2	2 515.3	294.9
SPRING COULEE 003-23W4								
SECOND WHITE SPECKS A	250.0	0.05		12.5		12.5	1.2	11.3
RUNDLE	413.0	<0.04		15.8		15.8	15.8	
FIELD TOTAL	663.0			28.3		28.3	17.0	11.3
SPRUCE GROVE 052-27W4								
ELLERSLIE B	34.3	<0.01		0.2		0.2	0.2	
FIELD TOTAL	34.3			0.2		0.2	0.2	
ST ALBERT-BIG LAKE 053-26W4								
BASAL QUARTZ I	62.3	0.11		6.9		6.9	6.9	
D-1 A	254.0	<0.36		90.9		90.9	41.3	49.6
D-1 D	1 800.0	0.12		216.0		216.0	175.3	40.7
D-1 E	299.0	0.05		15.0		15.0	3.2	11.8
D-2 A	500.0	0.65		325.0		325.0	293.1	31.9
D-2 B	83.8	0.06		5.0		5.0	4.4	0.6
D-3 A	3 700.0	0.61		2 257.0		2 257.0	2 241.6	15.4
D-3 B	1 516.0	0.60		910.0		910.0	900.0	10.0
FIELD TOTAL	8 215.1			3 825.8		3 825.8	3 665.8	160.0
STANDOFF 007-25W4								
RUNDLE A	223.0	<0.05		10.0		10.0	9.3	0.7
FIELD TOTAL	223.0			10.0		10.0	9.3	0.7

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
16	55.00	0.010	0.57	0.87	39	875	80	15 809	-1 182.0	1 515.5	1986	93 06 - ABAND 93 03
37	16.70	0.032	0.28	0.87	39	843	80	14 936	-1 187.6	1 520.0	1986	96 07 - ABAND 96 02
25	51.40	0.022	0.35	0.87	39	843	80	15 375	-1 187.8	1 520.5	1986	96 07 - ABAND 97 01
33	25.30	0.016	0.32	0.77	95	843	80	14 839	-1 169.1	1 502.0	1986	88 05 - ABAND 90 02
16	63.30	0.040	0.22	0.87	39	843	80	15 424	-1 206.9	1 540.3	1987	97 12 - GPP
32	61.50	0.013	0.39	0.87	39	854	80	15 465	-1 201.1	1 535.3	1985	97 12 - GPP
64	34.00	0.017	0.45	0.88	32	860	68	14 749	-1 159.7	1 490.5	1986	90 12 - GPP
16	63.30	0.010	0.66	0.88	32	834	75	15 213	-1 177.6	1 513.2	1986	96 07 - ABAND 93 01
22	59.00	0.020	0.21	0.88	32	835	75	15 220	-1 178.5	1 514.5	1990	96 08 - GPP
16	21.60	0.030	0.18	0.87	39	843	80	15 215	-1 183.9	1 520.0	1991	96 07 - ABAND 95 08
314	15.60	0.040	0.28	0.85	36	859	77	14 320	-1 125.6	1 460.9	1994	97 09 - GPP
16	64.00	0.050	0.20	0.88	32	835	75	14 663	-1 182.0	1 520.5	1995	96 07
16	38.00	0.030	0.30	0.81	84	865	56	14 475	-1 138.8	1 481.0	1996	96 08 - GPP
25	26.50	0.030	0.30	0.88	32	835	75	14 386	-1 138.3	1 478.8	1996	96 12 - GPP
10	22.00	0.030	0.30	0.88	32	835	75	12 134	-1 121.2	1 461.0	1996	97 04 - GPP
20	30.50	0.030	0.30	0.88	32	835	75	14 369	-1 125.0	1 468.8	1996	96 12 - GPP
16	27.50	0.030	0.30	0.88	32	832	75		-1 135.1	1 477.8	1996	97 01 - GPP
256	2.37	0.230	0.30	0.91	38	850	25	1 547	407.1	305.8	1987	92 12 - GPP
64	1.70	0.150	0.50	0.85	66	809	20	11 147	-581.2	1 388.7	1981	83 04 - ABAND 85 06
32	4.20	0.170	0.27	0.75	86	846	63	11 431	-679.7	1 624.9	1982	93 09 - GPP
64	4.42	0.130	0.38	0.75	100	810	52	12 374	-737.3	1 456.9	1984	85 07 - ABAND 85 10
64	3.00	0.200	0.20	0.78	88	839	69	14 270	-822.7	1 661.7	1980	80 12 - GPP
64	2.00	0.090	0.42	0.82	60	830	70	13 595	-845.8	1 627.0	1983	88 12 - ABAND 89 12
100	0.67	0.146	0.23	0.82	64	834	66	12 573	-750.6	1 473.9	1983	96 07 - GPP
64	3.50	0.090	0.21	0.75	107	837	62	13 617	-806.1	1 596.6	1988	88 08 - GPP
128	2.06	0.100	0.39	0.84	67	826	62	13 035	-831.3	1 592.2	1980	96 07 - GPP
1 344	1.67	0.135	0.14	0.76	67	830	62	13 843	-808.4	1 568.2	1980	89 10 - GPP
1 557					100	837	59	13 332	-758.1	1 435.3	1983	94 12 - GPP
86	2.55	0.160	0.19	0.80								
1 471	4.62	0.160	0.20	0.80								
64	4.70	0.130	0.20	0.80	80	829	38	14 542	-200.0	1 293.1	1990	90 09 - GPP
331	2.83	0.070	0.25	0.84	46	855	56	17 248	-565.0	1 831.9	1950	96 07 - GPP
16	3.50	0.150	0.39	0.67	160	879	41	10 552	-665.1	1 386.3	1994	96 07 - GPP
32	1.52	0.200	0.20	0.80	62	850	47	9 474	-483.7	1 160.7	1952	75 12 - ABAND 71 07
110	5.85	0.058	0.20	0.85	70	849	53	9 406	-604.6	1 260.3	1957	94 11 - GPP
150	29.41	0.080	0.40	0.85	70	851	54	9 293	-553.0	1 220.2	1953	91 12 - GPP
64	14.40	0.080	0.50	0.81	53	861	50	9 305	-555.3	1 226.4	1984	89 12 - GPP
130	16.50	0.034	0.22	0.88	71	844	55	10 716	-679.2	1 335.0	1956	82 12
64	2.69	0.070	0.21	0.88	70	839	55	10 486	-654.7	1 320.3	1952	93 11 - GPP
101	43.21	0.110	0.06	0.82	62	849	58	11 242	-802.9	1 458.5	1956	96 08 - GPP
106	19.80	0.098	0.09	0.81	73	855	58	11 176	-763.8	1 429.4	1952	92 09 - GPP
64	14.50	0.050	0.40	0.80	84	802	52	22 179	-1 310.9	2 338.8	1980	96 12 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
STANMORE 029-11W4								
VIKING A,B,UMNV Z & LOWER MANNVILLE L	148.0	<0.01		1.3		1.3	1.3	
UPPER MANNVILLE B	1 609.0	0.05		80.5		80.5	31.2	49.3
UPPER MANNVILLE G	90.4	<0.07		6.3		6.3	6.3	
UPPER MANNVILLE P	1 730.0	0.03		51.9		51.9	43.8	8.1
UPPER MANNVILLE W	36.5	<0.02		0.5		0.5	0.5	
UPPER MANNVILLE Y	168.0	<0.02		3.3		3.3	3.3	
UPPER MANNVILLE AA	398.0	0.06		23.9		23.9	21.3	2.6
UPPER MANNVILLE DD	396.0	<0.02		5.3		5.3	5.3	
UPPER MANNVILLE EE	14.9	<0.06		0.8		0.8	0.8	
UPPER MANNVILLE SS	147.0	0.10		14.7		14.7	5.3	9.4
UPPER MANNVILLE BBB	255.0	0.10		25.5		25.5	1.7	23.8
LOWER MANNVILLE F	97.0	0.14		13.6		13.6	11.5	2.1
LOWER MANNVILLE H	114.0	<0.07		7.2		7.2	7.2	
LOWER MANNVILLE Q	752.0	0.15		113.0		113.0	102.8	10.2
LOWER MANNVILLE T	171.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE X	62.2	0.16		10.0		10.0	9.8	0.2
LOWER MANNVILLE Y	130.0	<0.02		2.2		2.2	2.2	
LOWER MANNVILLE CC	257.0	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE GG	95.9	0.05		4.8		4.8	0.4	4.4
LOWER MANNVILLE II	141.0	<0.01		0.7		0.7	0.7	
LOWER MANNVILLE JJ	104.0	0.10		10.4		10.4	3.1	7.3
LOWER MANNVILLE A&B	193.0	<0.06		11.3		11.3	11.3	
FIELD TOTAL *	7 109.9			387.5		387.5	270.1	117.4
STETTLER 038-20W4								
UPPER MANNVILLE C	46.4	<0.02		0.9		0.9	0.9	
UPPER MANNVILLE E	546.0	0.10		54.6		54.6	8.0	46.6
LOWER MANNVILLE A	278.0	<0.01		1.0		1.0	1.0	
D-2 A TOTAL	9 430.0			2 830.0	1 475.0	4 305.0	4 210.1	94.9
PRIMARY AREA	210.0	0.30		63.0		63.0		
WATER FLOOD AREA	9 220.0	<0.31	0.16	2 767.0	1 475.0	4 242.0		
D-2 B	95.0	<0.04		3.3		3.3	3.3	
D-2 C	310.0	<0.01		0.1		0.1	0.1	
D-3 A	6 150.0	0.60		3 690.0		3 690.0	3 537.0	153.0
D-3 B	448.0	0.65		291.0		291.0	277.8	13.2
D-3 D	106.0	0.15		15.9		15.9	9.8	6.1
D-3 E	43.0	<0.05		1.9		1.9	1.9	
D-3 F	51.7	<0.04		1.7		1.7	1.7	
D-3 G	20.8	<0.28		5.7		5.7	5.7	
FIELD TOTAL	17 524.9			6 896.1	1 475.0	8 371.1	8 057.3	313.8
STETTLER NORTH 039-20W4								
UPPER MANNVILLE A	618.0	0.08		49.4		49.4	44.6	4.8
FIELD TOTAL	618.0			49.4		49.4	44.6	4.8
STEWART 032-28W4								
BELLY RIVER A	61.5	<0.01		0.2		0.2	0.2	
BELLY RIVER B	70.5	<0.01		0.2		0.2	0.2	
FIELD TOTAL	132.0			0.4		0.4	0.4	
STRACHAN 037-08W5								
SECOND WHITE SPECKS A	6.9	<0.03		0.2		0.2	0.2	
VIKING B	24.5	<0.01		0.2		0.2	0.2	
VIKING C	225.0	0.20		45.0		45.0	28.7	16.3
VIKING F	56.9	0.05		2.8		2.8	1.0	1.8
FIELD TOTAL	313.3			48.2		48.2	30.1	18.1
STRATHMORE 022-25W4								
UPPER MANNVILLE A	227.0	0.06		13.6		13.6	12.4	1.2
LOWER MANNVILLE A	161.0	0.10		16.1		16.1	7.4	8.7
LOWER MANNVILLE B TOTAL	2 660.0			263.0	790.0	1 053.0	557.9	495.1
PRIMARY AREA	26.5	<0.01		0.1		0.1		
WATER FLOOD AREA	2 633.0	0.10	0.30	263.0	790.0	1 053.0		

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
64	2.00	0.180	0.30	0.92	36	876	39	6 481	-286.8	1 066.0	1978	82 12 - ABAND 81 07
538	1.80	0.260	0.29	0.90	42	876	38	8 942	-254.9	1 037.0	1970	97 12 - GPP
16	4.60	0.210	0.35	0.90	43	876	32	9 367	-292.9	1 062.2	1976	96 07 - GPP
480	3.51	0.200	0.43	0.90	56	865	37	9 508	-286.6	1 049.4	1979	96 08 - GPP
32	2.00	0.120	0.50	0.95	20	910	30	9 514	-291.7	1 047.2	1978	84 11 - ABAND 89 10
128	1.79	0.160	0.46	0.85	46	890	36	7 459	-277.0	1 086.2	1985	96 07
128	1.90	0.240	0.26	0.92	28	939	35	8 411	-272.5	1 034.5	1972	89 12 - GPP
128	4.50	0.190	0.58	0.86	55	875	32	8 083	-284.6	1 077.2	1987	96 07 - ABAND 96 10
16	1.23	0.140	0.40	0.90	47	876	27	8 585	-268.6	1 046.1	1972	96 07 - GPP
64	1.70	0.250	0.40	0.90	60	890	32	5 615	-256.2	1 040.2	1991	97 12 - GPP
128	1.40	0.240	0.34	0.90	43	883	38	8 509	-269.6	1 042.7	1996	97 09
64	1.83	0.120	0.25	0.92	34	892	38	9 400	-282.6	1 038.8	1976	97 12 - GPP
64	1.23	0.240	0.30	0.86	51	887	37	9 402	-290.8	1 045.5	1977	96 07 - GPP
410	1.40	0.230	0.36	0.89	45	863	38	9 621	-293.3	1 083.3	1980	96 12 - GPP
64	2.30	0.210	0.40	0.92	126	858	50	9 699	-301.9	1 087.8	1979	83 12 - ABAND 89 11
64	1.00	0.180	0.40	0.90	18	863	37	6 344	-291.3	1 072.5	1984	96 12 - GPP
64	1.17	0.260	0.25	0.89	62	889	37	8 517	-263.1	1 028.1	1976	88 12 - GPP
64	4.70	0.190	0.49	0.88	45	848	38	6 511	-287.2	1 074.6	1987	92 10 - ABAND 94 06
32	1.70	0.250	0.25	0.94	18	939	37	8 456	-277.1	1 036.1	1972	96 08 - GPP
16	7.70	0.230	0.44	0.89	45	863	38	9 400	-290.2	1 041.7	1995	96 05 - ABAND 95 12
64	1.20	0.230	0.35	0.91	42	882	38	7 726	-292.8	1 065.9	1996	97 02 - GPP
64	2.70	0.200	0.35	0.86	37	870	49	9 556	-293.4	1 075.5	1970	96 07 - GPP
16	3.17	0.160	0.35	0.88	58	872	35	9 157	-477.0	1 296.4	1987	96 07
245	2.50	0.170	0.39	0.86	51	855	48	10 018	-473.3	1 301.5	1994	97 09 - GPP
16	17.60	0.160	0.30	0.88	46	870	47	7 628	-503.4	1 322.1	1974	92 12 - ABAND 94 09
2 239					63	876	62	12 843	-755.1	1 583.7	1949	97 12
112	5.94	0.050	0.22	0.81								
2 127	13.72	0.050	0.22	0.81								- GPP
64	2.60	0.080	0.12	0.81	62	887	38	11 912	-753.5	1 582.9	1978	86 12 - ABAND 84 05
64	12.00	0.060	0.20	0.84	62	887	55	11 843	-761.2	1 592.0	1979	82 12
1 861	7.96	0.061	0.17	0.82	67	887	63	12 956	-799.8	1 626.5	1949	75 08 - GPP
140	5.67	0.080	0.15	0.83	62	876	65	12 957	-820.9	1 650.3	1952	95 12 - GPP
64	5.30	0.060	0.37	0.83	62	876	58	12 186	-817.6	1 642.7	1984	97 05 - GPP
16	3.15	0.124	0.18	0.84	62	873	65	12 032	-818.5	1 645.5	1984	96 07 - GPP
16	4.00	0.130	0.26	0.84	62	902	65	11 864	-800.5	1 631.0	1985	96 07 - GPP
11	3.90	0.075	0.21	0.82	68	887	66	12 246	-806.6	1 629.0	1983	96 07 - GPP
285	1.85	0.200	0.31	0.85	44	887	33	9 348	-470.6	1 291.8	1949	82 10 - GPP
16	5.40	0.170	0.55	0.93	17	840	44	4 136	-207.7	1 167.9	1990	94 02 - ABAND 93 10
16	7.50	0.150	0.55	0.87	55	850	35	4 076	-199.9	1 145.8	1992	96 07
16	6.00	0.020	0.10	0.40	399	791	82	30 782	-1 434.5	2 507.5	1990	96 07
64	1.20	0.070	0.35	0.70	158	819	88	22 672	-1 575.1	2 658.0	1990	93 08 - ABAND 93 03
290	1.85	0.090	0.38	0.75	144	819	85	28 036	-1 634.5	2 720.5	1972	97 11
64	3.00	0.080	0.43	0.65	207	816	92	26 764	-1 718.8	2 884.5	1984	97 01
64	3.70	0.150	0.20	0.80	177	800	52	13 745	-751.1	1 703.3	1963	89 12 - GPP
64	3.40	0.120	0.25	0.82	76	865	49	12 010	-788.6	1 782.6	1976	79 09 - GPP
831					118	855	53	15 723	-833.1	1 808.2	1985	97 11
16	3.40	0.140	0.56	0.79								
815	3.60	0.160	0.29	0.79								- GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 INITIAL ESTABLISHED RESERVES ENHANCED 10^3m^3	6 INITIAL ESTABLISHED RESERVES TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
STRATHMORE 022-25W4 (CONTINUED)								
LOWER MANNVILLE C	53.5	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE D	166.0	<0.01		0.7		0.7	0.7	
LOWER MANNVILLE F	116.0	0.10		11.6		11.6	2.3	9.3
LOWER MANNVILLE G	72.0	0.10		7.2		7.2	2.4	4.8
LOWER MANNVILLE H	23.1	0.10		2.3		2.3	1.2	1.1
FIELD TOTAL	3 478.6			314.6	790.0	1 104.6	584.4	520.2
STURGEON LAKE 071-23W5								
D-3	13 230.0	0.37		4 895.0		4 895.0	4 281.5	613.5
D-3 B	74.2	<0.11		7.9		7.9	7.9	
FIELD TOTAL	13 304.2			4 902.9		4 902.9	4 289.4	613.5
STURGEON LAKE SOUTH 069-22W5								
TRIASSIC A	4 770.0	0.13		620.0		620.0	580.8	39.2
TRIASSIC B	1 200.0	0.27		324.0		324.0	307.2	16.8
TRIASSIC C	26.6	<0.01		0.2		0.2	0.2	
TRIASSIC E	18.1	<0.01		0.1		0.1	0.1	
TRIASSIC F	5 692.0	0.15		854.0		854.0	116.0	738.0
BELLOY A	31.3	<0.02		0.4		0.4	0.4	
BLUERIDGE A	728.0	0.35		255.0		255.0	169.7	85.3
D-2 B	206.0	0.10		20.6		20.6	7.3	13.3
D-2 C	218.0	0.10		21.8		21.8	2.1	19.7
D-3	49 000.0	<0.57		27 800.0		27 800.0	25 591.9	2 208.1
D-3 B	1 210.0	0.11		133.0		133.0	128.4	4.6
D-3 C	1 000.0	0.65		650.0		650.0	563.7	86.3
D-3 D	452.0	0.25		113.0		113.0	37.6	75.4
D-3 E	177.0	<0.01		1.5		1.5	1.5	
D-3 F	62.3	<0.02		1.1		1.1	1.1	
BEAVERHILL LAKE A	208.0	0.38		79.0		79.0	48.7	30.3
FIELD TOTAL	64 999.3			30 873.7		30 873.7	27 556.7	3 317.0
SULLIVAN LAKE 034-14W4								
BASAL QUARTZ A	156.0	<0.01		0.4		0.4	0.4	
BASAL QUARTZ C	149.0	<0.02		2.1		2.1	2.1	
BANFF A	195.0	0.04		7.8		7.8	4.1	3.7
BANFF B	754.0	0.02		15.1		15.1	14.7	0.4
BANFF C	332.0	0.07		23.2		23.2	13.7	9.5
FIELD TOTAL	1 586.0			48.6		48.6	35.0	13.6
SUNDANCE 054-21W5								
BELLY RIVER B	406.0	0.10		40.6		40.6	0.6	40.0
FIELD TOTAL	406.0			40.6		40.6	0.6	40.0
SUNNYNOOK 026-10W4								
UPPER MANNVILLE G	122.0	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE L	58.4	0.15		8.8		8.8	1.8	7.0
BANFF C	94.6	<0.01		0.1		0.1	0.1	
FIELD TOTAL *	275.0			9.0		9.0	2.0	7.0
SUNSET 069-20W5								
TRIASSIC A WATER FLOOD	4 130.0	0.15	0.02	620.0	82.6	703.0	648.7	54.3
TRIASSIC B	288.0	0.15		43.2		43.2	27.5	15.7
BEAVERHILL LAKE A	245.0	<0.01		1.1		1.1	1.1	
BEAVERHILL LAKE B	251.0	<0.04		9.6		9.6	9.6	
FIELD TOTAL	4 914.0			673.9	82.6	756.9	686.9	70.0
SWALWELL 029-24W4								
PEKISKO A	1 620.0	0.05		81.0		81.0	78.7	2.3
PEKISKO B	166.0	0.02		3.3		3.3	2.0	1.3
PEKISKO D	408.0	0.10		40.8		40.8	27.8	13.0

* LIGHT-MEDIUM CRUDE OIL POOLS

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
32	2.00	0.150	0.36	0.87	42	845	53	15 617	-819.0	1 808.8	1981	95 02 - ABAND 94 02
64	2.70	0.170	0.32	0.83	83	838	45	15 853	-865.6	1 887.7	1988	92 10 - ABAND 94 05
64	2.00	0.150	0.27	0.83	66	855	49	15 839	-823.6	1 840.1	1994	94 10 - GPP
64	1.10	0.140	0.12	0.83	67	855	50	15 962	-839.8	1 866.6	1993	94 11 - GPP
16	1.90	0.150	0.35	0.78	102	845	61	15 690	-820.3	1 796.0	1990	97 02 - GPP
1 455	20.10	0.080	0.13	0.65	188	839	88	27 028	-1 918.5	2 694.4	1952	94 12 - GPP
16	12.90	0.070	0.21	0.65	178	835	88	24 916	-2 113.5	2 861.0	1988	96 07 - GPP
1 578	4.08	0.150	0.35	0.76	102	844	52	13 696	-848.0	1 499.9	1955	94 12 - GPP
565	2.83	0.139	0.29	0.76	101	839	54	14 942	-903.6	1 554.0	1957	94 05 - GPP
32	2.00	0.090	0.40	0.77	104	838	54	13 178	-894.6	1 553.8	1983	85 04 - ABAND 85 03
16	2.80	0.150	0.65	0.77	104	839	54	14 826	-889.5	1 565.9	1959	96 07 - ABAND 97 05
2 126	3.40	0.150	0.30	0.75	110	829	61	14 329	-1 015.8	1 763.7	1995	96 03 - GPP
32	1.20	0.150	0.36	0.85	58	880	42	14 680	-952.8	1 645.3	1956	96 05 - ABAND 96 02
300	6.43	0.073	0.24	0.68	145	834	82	24 320	-1 684.2	2 339.3	1957	97 12 - GPP
32	7.70	0.140	0.17	0.72	138	850	70	21 587	-1 851.9	2 556.9	1967	96 07 - GPP
64	3.60	0.140	0.06	0.72	138	850	70		-1 859.2	2 571.2	1965	97 05
6 700	25.00	0.050	0.10	0.65	183	834	88	27 250	-1 921.3	2 572.0	1953	87 08 - GPP
446	8.87	0.050	0.15	0.72	133	839	91	26 041	-1 948.5	2 660.2	1964	90 12 - GPP
110	14.73	0.102	0.11	0.68	160	841	88	22 965	-2 006.0	2 668.4	1983	95 12 - GPP
64	12.82	0.090	0.10	0.68	160	850	89	23 152	-1 998.3	2 658.4	1984	94 07 - GPP
32	14.37	0.070	0.14	0.64	183	844	87	22 673	-1 942.8	2 675.3	1987	94 11 - ABAND 93 01
32	2.89	0.110	0.10	0.68	145	832	95	22 506	-2 073.7	2 753.3	1989	92 10 - ABAND 95 03
64	4.50	0.120	0.09	0.66	143	828	90	21 722	-2 062.0	2 755.8	1993	97 12
64	1.80	0.220	0.30	0.88	51	877	30	8 572	-280.9	1 095.3	1980	80 10
4	23.00	0.270	0.25	0.80	120	878	43	7 854	-323.3	1 162.3	1981	92 11 - ABAND 94 06
64	3.20	0.130	0.16	0.87	51	878	43	9 176	-337.9	1 173.4	1982	96 08 - GPP
128	10.19	0.100	0.32	0.85	62	872	36	9 094	-327.4	1 176.4	1987	91 12 - GPP
64	6.30	0.180	0.39	0.75	88	861	40	9 193	-308.0	1 128.7	1988	95 12 - GPP
64	10.00	0.110	0.26	0.78	80	806	52		-726.7	1 860.5	1980	97 12
32	4.50	0.170	0.44	0.89	45	847	38	10 355	-224.9	986.7	1990	96 03 - ABAND 95 11
64	1.00	0.190	0.46	0.89	45	875	38	9 877	-224.3	1 029.5	1988	94 12 - GPP
64	4.00	0.060	0.30	0.88	50	878	43	10 038	-264.4	1 022.0	1988	88 10 - ABAND 88 06
1 391	5.46	0.130	0.49	0.82	97	865	60	12 880	-727.1	1 438.0	1960	91 05 - GPP
96	5.33	0.140	0.51	0.82	76	865	43	14 469	-703.8	1 390.5	1975	85 05 - GPP
128	6.74	0.056	0.35	0.78	70	877	86	24 688	-1 952.5	2 693.5	1982	85 12 - ABAND 92 07
64	8.63	0.075	0.27	0.83	41	860	40	26 005	-1 927.1	2 742.4	1973	92 09 - ABAND 87 05
576	10.40	0.044	0.25	0.82	74	849	53	11 774	-783.4	1 652.3	1963	81 12 - GPP
64	14.02	0.050	0.55	0.82	74	839	54	12 155	-822.1	1 700.5	1975	91 07 - GPP
128	10.80	0.060	0.40	0.82	71	839	64	11 052	-789.8	1 664.7	1977	94 07 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
SWALWELL 029-24W4 (CONTINUED)								
PEKISKO E	38.0	<0.04		1.3		1.3	1.3	
PEKISKO F	2 419.0	0.04		96.8		96.8	75.2	21.6
PEKISKO H	302.0	<0.03		6.6		6.6	6.6	
PEKISKO I	186.0	<0.01		1.6		1.6	1.6	
D-1 A	397.0	0.15		59.6		59.6	3.0	56.6
D-2 A	1 120.0	0.20		224.0		224.0	214.0	10.0
D-2 C	587.0	0.52		305.0		305.0	270.6	34.4
D-2 D	1 060.0	0.50		530.0		530.0	324.2	205.8
FIELD TOTAL	8 303.0			1 350.0		1 350.0	1 005.0	345.0
SWAN HILLS 068-10W5								
GETHING A	100.0	<0.05		4.4		4.4	4.4	
BEAVERHILL LAKE C TOTAL	102 000.0			13 430.0	17 770.0	31 200.0	23 166.9	8 033.1
PRIMARY AREA	5 996.0	0.20		1 199.0		1 199.0		
WATER FLOOD AREA	95 960.0	<0.13	0.19	12 230.0	17 770.0	30 000.0		
BEAVERHILL LAKE D	216.0	<0.01		0.2		0.2	0.2	
BEAVERHILL LAKE E	25.3	0.15		3.8		3.8	0.9	2.9
BEAVERHILL LAKE G	113.0	<0.01		0.3		0.3	0.3	
BEAVERHILL LAKE A&B TOTAL	290 600.0			45 300.0	65 260.0	110 600.0	102 984.0	7 616.0
PRIMARY AREA	5 516.0	<0.13		704.0		704.0		
SOLVENT FLOOD AREA	144 500.0	<0.17	0.30	24 150.0	44 240.0	68 390.0		
WATER FLOOD AREA	140 600.0	<0.15	0.15	20 450.0	21 020.0	41 470.0		
FIELD TOTAL	393 054.3			58 738.7	83 030.0	141 808.7	126 156.7	15 652.0
SWAN HILLS SOUTH 065-10W5								
BEAVERHILL LAKE C	57.7	0.38		21.9		21.9	15.4	6.5
BEAVERHILL LAKE D	220.0	0.20		44.0		44.0	34.5	9.5
BEAVERHILL LAKE E	37.6	0.10		3.8		3.8	1.4	2.4
BEAVERHILL LAKE A&B TOTAL	134 800.0			23 170.0	38 900.0	62 070.0	59 490.0	2 580.0
PRIMARY AREA	2 310.0	0.14		324.0		324.0		
SOLVENT FLOOD AREA	124 800.0	0.18	0.30	22 460.0	38 310.0	60 770.0		
WATER FLOOD AREA	7 646.0	<0.06	0.07	384.0	589.0	973.0		
FIELD TOTAL	135 115.3			23 239.7	38 900.0	62 139.7	59 541.3	2 598.4
SYLVAN LAKE 037-03W5								
CARDIUM A	550.0	0.15		82.5		82.5	75.6	6.9
CARDIUM B	210.0	0.10		21.0		21.0	15.9	5.1
CARDIUM C	166.0	0.03		5.0		5.0	3.9	1.1
CARDIUM E,2WS B & OSTRACOD L	865.0	0.04		34.6		34.6	23.2	11.4
SECOND WHITE SPECKS A	121.0	0.10		12.1		12.1	6.6	5.5
SECOND WHITE SPECKS C	685.0	0.06		41.1		41.1	32.3	8.8
SECOND WHITE SPECKS D	280.0	0.10		28.0		28.0	0.5	27.5
VIKING E	361.0	<0.10		34.6		34.6	34.6	
VIKING G	64.5	<0.09		5.6		5.6	5.6	
VIKING H	73.9	<0.05		3.5		3.5	3.5	
VIKING J	77.8	<0.02		0.9		0.9	0.9	
VIKING K	120.0	0.20		24.0		24.0	18.9	5.1
VIKING L	80.2	<0.02		1.6		1.6	1.6	
VIKING M	312.0	0.05		15.6		15.6	8.1	7.5
VIKING Q	25.1	<0.12		2.9		2.9	2.9	
VIKING T	36.2	<0.02		0.6		0.6	0.6	
VIKING U	55.9	0.05		2.8		2.8	2.8	
VIKING V	86.0	<0.09		7.1		7.1	7.1	
VIKING W	292.0	0.05		14.6		14.6	14.4	0.2
VIKING Y	9.6	<0.02		0.1		0.1	0.1	
VIKING AA	55.2	0.01		0.6		0.6	0.6	
VIKING BB	53.2	<0.10		5.2		5.2	5.2	
VIKING CC	13.0	<0.06		0.7		0.7	0.7	
VIKING EE	17.7	0.25		4.4		4.4	4.1	0.3
VIKING GG	32.5	<0.07		2.2		2.2	2.2	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
65	1.83	0.060	0.35	0.82	78	855	43	11 249	-752.7	1 652.8	1977	96 07 - GPP
744	8.21	0.070	0.31	0.82	64	871	52	11 056	-775.6	1 667.6	1979	90 12 - GPP
64	18.84	0.050	0.39	0.82	67	869	51	11 129	-770.5	1 626.5	1979	96 07 - GPP
32	8.80	0.133	0.40	0.83	85	874	61	11 307	-751.2	1 630.0	1980	91 10 - ABAND 90 03
64	14.00	0.080	0.16	0.66	170	828	85		-1 223.1	2 161.5	1996	97 06
594	4.25	0.080	0.28	0.77	96	839	69	16 658	-1 127.5	1 969.4	1969	87 12 - GPP
240	3.85	0.110	0.22	0.74	122	837	62	16 368	-1 126.8	1 984.7	1987	97 12 - GPP
240	7.77	0.090	0.18	0.77	122	837	61	16 229	-1 123.8	1 951.0	1987	94 12 - GPP
16	3.30	0.250	0.20	0.95	16	917	35	7 263	-185.3	942.4	1984	97 12 - GPP
27 822					77	815	91	21 412	-1 342.5	2 352.1	1958	94 12
4 064	3.39	0.062	0.10	0.78								
23 758	9.28	0.062	0.10	0.78								- GPP
128	9.00	0.030	0.20	0.78	86	818	53	21 819	-1 325.7	2 487.8	1982	84 12 - ABAND 84 01
16	3.68	0.064	0.14	0.78	77	818	85	20 239	-1 430.1	2 336.3	1987	97 12 - GPP
64	8.79	0.056	0.50	0.72	97	814	103	21 146	-1 531.9	2 651.8	1988	92 06 - ABAND 91 07
40 802					100	820	104	22 698	-1 474.2	2 607.7	1957	97 07
2 409	6.08	0.067	0.23	0.73								
7 957	37.00	0.082	0.18	0.73								- GPP
30 436	11.13	0.079	0.28	0.73								- GPP
64	3.30	0.060	0.35	0.70	108	820	109	23 194	-1 529.7	2 427.3	1984	97 12 - GPP
64	8.50	0.067	0.15	0.71	108	820	109	22 843	-1 555.1	2 522.8	1965	97 12 - GPP
16	9.14	0.047	0.25	0.73	102	840	91	22 388	-1 419.0	2 328.2	1985	97 07 - GPP
14 928					113	820	107	23 124	-1 526.0	2 475.3	1959	94 12
713	9.16	0.063	0.22	0.72								
11 222	22.20	0.084	0.16	0.71								- GPP
2 993	6.92	0.065	0.20	0.71								- GPP
411	1.54	0.138	0.25	0.84	71	860	54	14 167	-788.2	1 769.4	1962	94 12 - GPP
192	1.51	0.120	0.28	0.84	71	847	54	14 305	-806.2	1 793.6	1963	88 03 - GPP
64	5.50	0.080	0.30	0.84	68	845	54	13 879	-749.5	1 681.0	1982	96 10 - GPP
788	1.88	0.100	0.27	0.80	62	827	60	16 630	-806.0	1 800.4	1985	92 09 - GPP
16	12.00	0.180	0.50	0.70	145	816	64	18 747	-1 092.6	2 086.0	1981	97 05 - GPP
64	17.00	0.180	0.50	0.70	135	868	50	21 995	-910.3	1 881.5	1987	96 08 - GPP
64	11.40	0.080	0.25	0.64	177	794	47	22 607	-969.0	1 966.5	1984	92 02
256	2.77	0.110	0.40	0.77	102	839	66	15 312	-1 041.3	2 007.0	1972	96 07 - GPP
64	2.80	0.080	0.40	0.75	123	820	36	18 147	-1 026.4	1 996.9	1964	95 01 - ABAND 94 05
64	2.20	0.100	0.30	0.75	105	815	58	18 937	-1 023.3	1 981.4	1981	92 10 - ABAND 95 09
64	2.70	0.100	0.40	0.75	125	825	60	17 634	-1 012.7	1 973.4	1981	89 12 - GPP
124	2.15	0.090	0.35	0.77	99	839	66	13 994	-1 179.1	2 183.4	1977	96 06 - GPP
128	1.37	0.090	0.34	0.77	101	839	66	11 757	-1 111.4	2 102.9	1983	85 08 - ABAND 88 05
100	3.48	0.210	0.43	0.75	105	800	63	14 222	-842.5	1 831.8	1982	93 12 - GPP
64	1.74	0.045	0.35	0.77	72	845	66	11 401	-1 160.5	2 172.1	1978	96 07 - GPP
64	1.50	0.070	0.30	0.77	101	840	66	11 535	-1 015.9	1 972.8	1985	94 11 - ABAND 93 08
64	1.70	0.100	0.35	0.79	101	839	66	10 596	-1 019.4	1 982.6	1985	94 11 - ABAND 89 11
64	3.00	0.080	0.30	0.80	101	839	66	11 695	-1 083.5	2 086.5	1985	96 07 - GPP
192	3.38	0.080	0.26	0.76	131	806	44	14 167	-846.4	1 788.5	1985	88 04 - GPP
64	1.00	0.026	0.30	0.82	68	840	64	11 606	-1 090.7	2 084.5	1986	89 12 - ABAND 90 10
64	1.60	0.100	0.30	0.77	102	834	66	13 392	-958.3	1 872.2	1985	88 07 - ABAND 88 10
128	0.90	0.120	0.50	0.77	102	835	66	13 068	-806.5	1 746.5	1988	89 01 - ABAND 90 06
16	1.80	0.090	0.35	0.77	102	834	41	11 490	-1 009.5	1 942.5	1977	96 07 - ABAND 91 08
64	0.80	0.090	0.50	0.77	102	835	66	18 982	-1 112.2	2 108.4	1991	95 12 - GPP
64	1.10	0.100	0.40	0.77	101	838	66	13 483	-945.4	1 859.9	1980	96 07 - ABAND 97 02

TABLE 2-6

	1	2	3	4	5	6	7	8
FIELD POOL	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
SYLVAN LAKE 037-03W5 (CONTINUED)								
VIKING HH	3.2	<0.04		0.1		0.1	0.1	
VIKING II	6.7	<0.05		0.3		0.3	0.3	
VIKING A,O & S	2 190.0	0.10		219.0		219.0	217.8	1.2
GLAUCONITIC C	337.0	<0.06		18.4		18.4	18.4	
GLAUCONITIC D	172.0	0.05		8.6		8.6	0.5	8.1
GLAUCONITIC F	333.0	<0.01		0.9		0.9	0.9	
GLAUCONITIC G	448.0	0.15		67.2		67.2	58.4	8.8
GLAUCONITIC H	246.0	0.10		24.6		24.6	17.7	6.9
GLAUCONITIC L	305.0	0.10		30.5		30.5	20.4	10.1
GLAUCONITIC M	106.0	0.05		5.3		5.3	1.4	3.9
GLAUCONITIC O	210.0	0.05		10.5		10.5	2.2	8.3
GLAUCONITIC J & BASAL QUARTZ B	55.8	<0.01		0.1		0.1	0.1	
GLAUCONITIC & LOWER MANNVILLE MU #1	435.0	0.05		21.8		21.8	18.1	3.7
LOWER MANNVILLE J	211.0	<0.01		0.4		0.4	0.4	
LOWER MANNVILLE N	42.2	<0.02		0.7		0.7	0.7	
LOWER MANNVILLE R	529.0	0.02		10.6		10.6	1.4	9.2
LOWER MANNVILLE S	44.0	<0.03		1.1		1.1	1.1	
LOWER MANNVILLE Y	1 299.0	0.15		195.0		195.0	112.8	82.2
LOWER MANNVILLE GG	366.0	0.12		43.9		43.9	32.2	11.7
LOWER MANNVILLE II	52.6	<0.01		0.3		0.3	0.3	
LOWER MANNVILLE LL	94.3	0.05		4.7		4.7	0.7	4.0
OSTRACOD F	144.0	<0.01		0.6		0.6	0.6	
OSTRACOD M	58.7	0.12		7.0		7.0	6.7	0.3
OSTRACOD S	137.0	0.10		13.7		13.7	2.3	11.4
DETRITAL B	240.0	<0.01		1.4		1.4	1.4	
DETRITAL D	88.8	<0.01		0.1		0.1	0.1	
DETRITAL E & ELKTON E	443.0	0.09		39.9		39.9	38.2	1.7
JURASSIC A	4 501.0	0.15		675.0		675.0	567.5	107.5
JURASSIC C	1 590.0	0.05		79.5		79.5	75.2	4.3
JURASSIC D	1 659.0	0.08		133.0		133.0	107.4	25.6
JURASSIC E	730.0	0.04		29.2		29.2	24.6	4.6
JURASSIC I	92.4	<0.02		1.1		1.1	1.1	
JURASSIC K	180.0	0.03		5.4		5.4	2.7	2.7
JURASSIC M	184.0	<0.09		16.5		16.5	16.5	
JURASSIC N	909.0	0.03		27.3		27.3	25.0	2.3
JURASSIC P	261.0	<0.01		0.1		0.1	0.1	
JURASSIC R	157.0	0.07		11.0		11.0	10.0	1.0
JURASSIC T	91.4	0.15		13.7		13.7	2.0	11.7
JURASSIC U	374.0	0.05		18.7		18.7	0.3	18.4
JURASSIC W	357.0	<0.01		0.1		0.1	0.1	
JURASSIC CC	177.0	<0.01		0.4		0.4	0.4	
JURASSIC FF	471.0	0.05		23.6		23.6	16.3	7.3
JURASSIC GG	38.9	<0.03		0.8		0.8	0.8	
JURASSIC II	30.6	<0.03		0.8		0.8	0.8	
ELKTON F	454.0	0.11		49.9		49.9	45.3	4.6
ELKTON J	460.0	0.06		27.6		27.6	23.6	4.0
ELKTON K	189.0	0.15		28.4		28.4	24.9	3.5
ELKTON L	607.0	0.10		60.7		60.7	34.7	26.0
ELKTON M	681.0	0.06		40.9		40.9	9.1	31.8
ELKTON-SHUNDA D	4 870.0	0.20		974.0		974.0	856.5	117.5
ELKTON-SHUNDA E	750.0	0.30		225.0		225.0	166.1	58.9
ELKTON-SHUNDA G	592.0	0.05		29.6		29.6	25.0	4.6
ELKTON-SHUNDA H	316.0	0.08		25.3		25.3	12.0	13.3
ELKTON-SHUNDA J	715.0	0.20		143.0		143.0	14.9	128.1
ELKTON-SHUNDA K	125.0	0.20		25.0		25.0	1.9	23.1
SHUNDA C	126.0	<0.02		2.2		2.2	2.2	
SHUNDA E	82.0	0.08		6.6		6.6	6.6	
SHUNDA G	37.2	<0.01		0.2		0.2	0.2	
SHUNDA H	52.2	0.10		5.2		5.2	0.3	4.9
SHUNDA K	74.8	0.15		11.2		11.2	3.3	7.9
SHUNDA L	64.3	0.10		6.4		6.4	1.5	4.9
SHUNDA O	79.3	0.05		4.0		4.0	0.5	3.5
SHUNDA I & PEKISKO AA	170.0	0.06		10.2		10.2	5.1	5.1
PEKISKO B TOTAL	10 140.0			3 043.0	496.0	3 539.0	2 929.9	609.1
PRIMARY AREA	228.0	0.30		68.5		68.5		
WATER FLOOD AREA	9 912.0	0.30	0.05	2 974.0	496.0	3 470.0		
PEKISKO C	5 044.0	0.30		1 513.0		1 513.0	1 234.5	278.5

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
16	1.70	0.040	0.62	0.77	102	835	66	10 935	-1 107.5	2 083.0	1985	96 07
64	0.70	0.030	0.35	0.77	102	835	66	14 237	-1 037.7	1 977.4	1991	95 03 - ABAND 93 10
3 200	1.26	0.110	0.35	0.76	110	815	51	15 385	-947.2	1 900.4	1965	92 12 - GPP
64	8.62	0.130	0.39	0.77	89	887	64	16 883	-1 228.6	2 199.1	1964	73 12 - ABAND 81 01
65	4.57	0.100	0.25	0.77	98	910	62	16 514	-1 248.2	2 201.0	1975	96 12
64	9.40	0.120	0.35	0.71	126	807	79	14 409	-1 196.6	2 158.9	1983	86 12 - ABAND 85 07
64	12.80	0.100	0.23	0.71	90	808	70	12 203	-1 204.7	2 159.5	1974	93 12 - GPP
64	5.00	0.120	0.20	0.80	62	880	60	11 153	-1 213.9	2 155.6	1987	87 10 - GPP
64	6.30	0.140	0.24	0.71	126	808	79	11 039	-1 229.5	2 197.2	1990	90 08
32	3.60	0.140	0.23	0.85	62	923	71	12 534	-1 013.2	1 951.7	1993	94 02 - GPP
32	9.50	0.130	0.25	0.71	126	807	79	13 864	-1 225.5	2 193.0	1995	96 12
16	7.20	0.110	0.38	0.71	126	805	79	12 610	-1 025.0	1 962.3	1986	96 07 - ABAND 96 12
64	7.08	0.150	0.20	0.80	108	892	73	20 572	-1 402.0	2 396.9	1963	89 12 - GPP
65	2.74	0.200	0.30	0.85	64	915	61	13 963	-1 175.3	2 158.0	1976	83 12 - ABAND 80 11
32	2.50	0.100	0.15	0.62	195	795	64	18 115	-1 362.4	2 353.3	1978	91 10 - ABAND 91 08
64	12.30	0.120	0.30	0.80	80	845	66	17 098	-1 222.9	2 140.4	1981	89 12 - GPP
64	1.20	0.090	0.25	0.85	54	888	71	17 689	-1 345.2	2 336.1	1978	88 12 - ABAND 91 08
226	8.08	0.120	0.23	0.77	97	871	74	17 431	-1 297.0	2 267.8	1985	93 07 - GPP
64	6.80	0.140	0.23	0.78	95	876	68	13 951	-1 272.2	2 228.0	1990	94 12 - GPP
32	2.70	0.120	0.35	0.78	91	879	69	15 053	-1 077.7	2 014.9	1986	97 01 - ABAND 96 08
32	4.20	0.150	0.40	0.78	91	879	69	15 182	-1 095.2	2 031.4	1993	96 08
64	4.00	0.100	0.25	0.75	105	879	74	17 230	-1 326.5	2 321.8	1979	82 12 - ABAND 89 07
64	1.90	0.100	0.30	0.69	145	892	70	17 185	-1 320.0	2 309.9	1987	96 12 - GPP
32	6.20	0.120	0.25	0.77	101	888	77	20 553	-1 392.3	2 390.5	1994	95 09
16	19.81	0.128	0.25	0.79	80	887	73	16 574	-1 207.9	2 197.6	1962	92 11 - ABAND 71 05
16	3.66	0.240	0.20	0.79	80	844	73	16 904	-1 186.6	2 176.3	1962	96 07
64	10.40	0.104	0.18	0.78	102	887	76	19 685	-1 439.3	2 432.0	1963	93 12 - GPP
967	6.12	0.130	0.25	0.78	96	887	68	17 390	-1 296.3	2 262.5	1962	92 09 - GPP
192	10.47	0.130	0.22	0.78	96	887	71	15 763	-1 288.3	2 242.5	1960	83 05 - GPP
253	7.80	0.140	0.23	0.78	94	887	71	17 120	-1 253.6	2 201.2	1962	92 08 - GPP
65	12.80	0.150	0.25	0.78	95	898	67	17 080	-1 265.4	2 212.1	1964	89 12 - GPP
16	10.97	0.090	0.25	0.78	95	887	71	17 163	-1 265.1	2 222.5	1964	96 07 - GPP
64	3.80	0.120	0.23	0.80	83	890	68	15 864	-1 294.4	2 233.2	1968	94 07 - GPP
64	5.53	0.090	0.25	0.77	103	887	71	16 866	-1 254.6	2 202.8	1962	85 12 - GPP
192	7.33	0.120	0.31	0.78	83	890	68	18 031	-1 303.3	2 271.6	1982	93 12 - GPP
64	6.80	0.110	0.30	0.78	88	933	60	17 740	-1 349.7	2 311.9	1983	84 03 - ABAND 84 09
64	5.10	0.103	0.40	0.78	95	919	65	17 991	-1 293.2	2 263.5	1983	96 12 - GPP
32	3.40	0.150	0.30	0.80	83	889	68	15 452	-1 326.4	2 302.3	1984	97 08 - GPP
64	7.50	0.135	0.26	0.78	98	867	55	17 202	-1 281.9	2 239.0	1981	95 10
64	5.20	0.170	0.19	0.78	98	895	55	15 093	-1 306.6	2 232.7	1985	88 12 - ABAND 89 06
64	4.30	0.110	0.25	0.78	100	884	76	16 548	-1 290.9	2 262.1	1987	88 03 - ABAND 89 03
128	4.72	0.130	0.25	0.80	78	871	70	17 244	-1 331.0	2 304.1	1987	92 12 - GPP
16	3.00	0.130	0.22	0.80	89	894	69	18 551	-1 351.3	2 338.8	1989	96 07 - GPP
32	1.80	0.130	0.49	0.80	83	897	70	17 028	-1 313.8	2 295.1	1988	97 12 - ABAND 97 09
64	11.09	0.100	0.18	0.78	89	887	76	18 118	-1 440.1	2 433.7	1963	97 12 - GPP
64	13.00	0.100	0.35	0.85	95	886	64	18 021	-1 407.8	2 393.1	1984	89 10 - GPP
64	4.00	0.120	0.25	0.82	72	911	73	16 929	-1 262.1	2 217.1	1984	88 12 - GPP
64	13.50	0.150	0.40	0.78	75	913	70	16 890	-1 368.3	2 353.6	1989	91 12 - GPP
128	5.76	0.150	0.21	0.78	92	914	65	19 175	-1 473.2	2 453.7	1993	96 08 - GPP
1 352	6.00	0.100	0.24	0.79	93	887	68	17 443	-1 300.5	2 271.3	1962	96 03 - GPP
318	4.25	0.108	0.35	0.79	92	881	71	17 338	-1 287.5	2 253.3	1953	92 01 - GPP
105	7.37	0.140	0.29	0.77	74	895	71	17 463	-1 317.3	2 305.7	1982	93 07 - GPP
40	11.00	0.120	0.27	0.82	72	912	73	16 817	-1 246.7	2 208.6	1992	94 12
64	14.20	0.120	0.20	0.82	72	881	73	15 758	-1 293.7	2 264.5	1994	95 05 - GPP
16	9.30	0.140	0.23	0.78	92	881	71	16 537	-1 307.4	2 263.8	1995	96 03
65	1.83	0.170	0.20	0.78	96	892	72	16 964	-1 260.3	2 192.7	1972	96 07 - GPP
64	3.20	0.080	0.35	0.77	100	908	70	16 663	-1 330.8	2 317.6	1985	88 04 - ABAND 87 09
64	2.82	0.050	0.51	0.84	75	925	70	16 416	-1 304.5	2 284.8	1987	89 12
16	5.52	0.110	0.36	0.84	75	925	70	17 260	-1 296.4	2 276.7	1987	97 10
64	2.30	0.100	0.38	0.82	72	911	73	17 306	-1 283.5	2 238.7	1964	94 05 - GPP
32	3.10	0.200	0.60	0.81	80	878	75	15 901	-1 322.8	2 322.0	1983	96 10 - GPP
64	1.00	0.170	0.10	0.81	80	878	75		-1 312.2	2 270.5	1995	97 07 - GPP
16	21.56	0.100	0.36	0.77	92	892	52	17 034	-1 345.8	2 326.3	1988	97 12 - GPP
1 262					92	887	69	17 000	-1 272.4	2 226.7	1962	97 01
48	6.13	0.120	0.16	0.77								
1 214	10.52	0.120	0.16	0.77								- GPP
940	8.60	0.100	0.20	0.78	93	887	72	17 260	-1 296.2	2 236.3	1962	96 03 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 ENHANCED 10^3m^3	6 TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
SYLVAN LAKE 037-03W5 (CONTINUED)								
PEKISKO D	1 845.0	0.40		738.0		738.0	578.5	159.5
PEKISKO E	161.0	0.15		24.2		24.2	8.9	15.3
PEKISKO G	179.0	0.07		12.5		12.5	9.7	2.8
PEKISKO K	185.0	0.05		9.3		9.3	0.8	8.5
PEKISKO M	105.0	0.05		5.3		5.3	0.1	5.2
PEKISKO O	288.0	0.05		14.4		14.4	7.4	7.0
PEKISKO R	269.0	<0.02		3.0		3.0	3.0	
PEKISKO S	268.0	<0.01		2.6		2.6	2.6	
PEKISKO T	155.0	<0.01		0.5		0.5	0.5	
PEKISKO U	384.0	0.15		57.6		57.6	36.7	20.9
PEKISKO X	216.0	<0.01		0.4		0.4	0.4	
PEKISKO Y	89.0	<0.03		2.1		2.1	0.8	1.3
PEKISKO Z	210.0	0.15		31.5		31.5	7.4	24.1
PEKISKO BB	30.0	<0.01		0.1		0.1	0.1	
PEKISKO CC	53.0	0.10		5.3		5.3	0.3	5.0
PEKISKO FF	899.0	0.15		135.0		135.0	20.6	114.4
PEKISKO GG	348.0	0.10		34.8		34.8	5.0	29.8
PEKISKO HH	36.1	0.15		5.4		5.4	0.5	4.9
PEKISKO II	182.0	0.05		9.1		9.1	0.9	8.2
PEKISKO JJ	179.0	0.05		9.0		9.0	0.1	8.9
D-3 A	821.0	<0.02		9.3		9.3	9.3	
D-3 B	944.0	0.10		94.4		94.4	66.6	27.8
D-3 C	785.0	0.18		141.0		141.0	101.2	39.8
D-3 E	54.6	0.40		21.8		21.8		21.8
D-3 F	146.0	0.30		43.8		43.8		43.8
FIELD TOTAL	59 503.9			9 756.0	496.0	10 252.0	7 937.4	2 314.6
TABER NORTH 010-16W4								
TABER JJ	25.4	0.10		2.5		2.5	0.9	1.6
FIELD TOTAL *	25.4			2.5		2.5	0.9	1.6
TANGENT 080-24W5								
TRIASSIC F	137.0	<0.01		0.1		0.1	0.1	
D-1 A	485.0	<0.21		98.2		98.2	98.2	
D-1 B	84.9	<0.11		8.5		8.5	8.5	
D-1 C	246.0	<0.07		14.9		14.9	14.9	
D-1 D	104.0	0.25		26.0		26.0	21.5	4.5
D-1 E	677.0	<0.16		107.4		107.4	107.4	
D-1 F	552.0	0.12		66.2		66.2	56.4	9.8
D-1 G	94.0	<0.03		2.2		2.2	2.2	
D-1 H	643.0	0.20		129.0		129.0	73.6	55.4
D-1 I	215.0	<0.19		40.4		40.4	40.4	
D-1 J	278.0	<0.02		5.2		5.2	5.2	
D-1 K	368.0	<0.05		15.9		15.9	15.9	
D-1 L	149.0	<0.21		30.5		30.5	30.5	
D-1 M	336.0	<0.30		99.3		99.3	99.3	
D-1 N	260.0	<0.01		0.1		0.1	0.1	
D-1 O	175.0	<0.02		3.0		3.0	3.0	
D-1 P	376.0	<0.09		32.2		32.2	32.2	
D-1 Q	155.0	<0.05		6.3		6.3	6.3	
D-1 R	208.0	<0.18		36.3		36.3	36.3	
D-1 S	188.0	<0.02		2.6		2.6	2.6	
D-1 T	120.0	<0.01		0.1		0.1	0.1	
D-1 U	176.0	<0.05		7.2		7.2	7.2	
D-1 V	298.0	<0.20		57.5		57.5	57.5	
D-1 W	24.0	<0.01		0.1		0.1	0.1	
D-1 X	79.6	<0.01		0.2		0.2	0.2	
D-1 Y	204.0	0.25		51.0		51.0	42.7	8.3
D-1 Z	492.0	<0.04		14.9		14.9	14.9	
D-1 AA	389.0	<0.09		31.6		31.6	31.6	
D-1 BB	453.0	0.10		45.3		45.3	34.1	11.2
D-1 CC	423.0	<0.06		23.4		23.4	23.4	
D-1 DD	33.2	<0.08		2.5		2.5	2.5	
D-1 EE	143.0	0.10		14.3		14.3	11.7	2.6
D-1 FF	39.8	<0.07		2.6		2.6	2.6	
D-1 GG	171.0	0.13		22.2		22.2	16.1	6.1
D-1 HH	161.0	0.35		56.4		56.4	52.2	4.2
D-1 II	226.0	<0.03		6.0		6.0	6.0	
D-1 JJ	493.0	0.08		39.4		39.4	36.1	3.3

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
398	6.70	0.120	0.21	0.73	121	849	76	17 376	-1 295.2	2 258.7	1960	97 06 - GPP
27	8.23	0.105	0.20	0.86	85	921	73	15 890	-1 162.7	2 154.2	1963	93 12
16	28.04	0.069	0.25	0.77	62	969	89	17 403	-1 193.3	2 153.7	1963	97 12
64	7.90	0.060	0.22	0.78	88	887	74		-1 186.7	2 146.8	1953	97 02
16	7.01	0.140	0.13	0.77	94	887	67	17 144	-1 301.1	2 253.9	1964	97 06
131	4.10	0.100	0.33	0.80	121	849	76	16 979	-1 307.2	2 267.5	1983	91 03 - GPP
64	8.00	0.105	0.35	0.77	145	825	63	17 578	-1 308.9	2 263.9	1984	89 12 - GPP
64	9.60	0.070	0.20	0.78	145	825	63	16 493	-1 257.1	2 194.3	1985	92 07 - ABAND 92 01
64	5.00	0.090	0.30	0.77	88	860	74	16 969	-1 364.4	2 354.9	1986	87 01 - ABAND 87 03
94	5.06	0.140	0.21	0.73	122	857	74	16 440	-1 286.5	2 250.2	1989	92 10 - GPP
32	6.80	0.170	0.25	0.78	88	886	74	17 570	-1 309.5	2 280.5	1990	95 03 - ABAND 93 12
16	8.10	0.110	0.20	0.78	88	887	74	15 336	-1 304.9	2 271.4	1991	97 06 - ABAND 96 05
64	5.92	0.100	0.28	0.77	88	887	74	18 125	-1 347.4	2 304.5	1963	93 12 - GPP
16	3.09	0.105	0.24	0.76	88	886	64	17 319	-1 349.2	2 321.8	1962	96 07 - GPP
64	2.50	0.060	0.31	0.80	86	901	71	14 599	-1 383.6	2 380.5	1984	95 03 - GPP
64	18.00	0.130	0.23	0.78	88	887	74	13 368	-1 352.0	2 331.5	1996	96 12
64	14.70	0.070	0.34	0.80	105	832	73	18 063	-1 355.5	2 353.8	1995	96 05 - GPP
16	3.50	0.130	0.32	0.73	122	858	74	12 537	-1 361.7	2 352.0	1996	97 03 - GPP
32	7.30	0.130	0.26	0.81	74	892	73	17 489	-1 345.2	2 303.2	1996	96 10
32	8.60	0.110	0.24	0.78	88	886	74	14 675	-1 306.2	2 270.3	1996	97 03
500	6.16	0.056	0.15	0.56	262	792	79	24 806	-1 906.7	2 875.4	1961	92 12 - ABAND 87 11
376	6.10	0.066	0.19	0.77	128	770	85	18 273	-1 975.6	2 979.8	1986	92 05 - GPP
64	25.00	0.075	0.15	0.77	170	800	88	18 633	-1 998.3	3 009.1	1986	92 12 - GPP
64	2.20	0.060	0.16	0.77	170	800	88	19 309	-2 027.7	3 034.0	1986	95 12 - GPP
64	4.70	0.070	0.10	0.77	170	800	88	17 402	-2 036.7	3 030.4	1987	95 12 - GPP
32	1.20	0.170	0.59	0.95	17	880	29	7 727	-182.3	977.2	1995	96 07 - GPP
64	2.00	0.190	0.25	0.75	105	900	36	8 120	-284.4	856.0	1983	92 10
32	50.50	0.050	0.24	0.79	78	839	62	18 814	-1 199.1	1 770.8	1981	94 11 - GPP
64	6.00	0.040	0.30	0.79	80	839	55	18 370	-1 159.4	1 732.0	1982	82 10 - ABAND 89 05
64	21.30	0.030	0.24	0.79	75	839	68	16 474	-1 208.5	1 783.5	1982	84 02 - ABAND 88 05
64	15.00	0.026	0.50	0.83	62	845	60	18 546	-1 176.3	1 748.4	1983	94 11 - GPP
32	67.80	0.050	0.21	0.79	82	839	56	18 665	-1 209.1	1 781.7	1983	94 11 - GPP
64	28.17	0.057	0.32	0.79	80	855	58	19 141	-1 250.2	1 830.9	1983	92 12 - GPP
16	42.50	0.025	0.30	0.79	84	843	58	18 603	-1 199.5	1 773.0	1983	94 11 - GPP
40	62.00	0.040	0.20	0.81	77	859	60	18 133	-1 225.2	1 800.1	1987	92 07 - GPP
32	45.00	0.030	0.40	0.83	67	823	62	18 440	-1 203.9	1 774.0	1983	94 11 - ABAND 94 11
64	62.30	0.014	0.37	0.79	62	850	36	18 489	-1 198.2	1 769.2	1983	92 10
32	44.37	0.040	0.18	0.79	62	823	58	19 632	-1 299.3	1 882.5	1984	94 11 - ABAND 93 12
32	28.50	0.030	0.31	0.79	80	843	58	17 009	-1 203.2	1 776.5	1984	94 11
32	46.20	0.040	0.28	0.79	80	843	59	17 849	-1 190.6	1 761.9	1984	96 07 - GPP
64	17.40	0.040	0.26	0.79	88	903	54	18 148	-1 227.1	1 799.3	1984	88 12 - ABAND 89 07
32	31.70	0.030	0.27	0.79	78	840	60	18 380	-1 217.6	1 803.4	1984	92 03 - ABAND 91 12
32	66.40	0.040	0.44	0.79	72	827	64	12 792	-1 215.8	1 787.8	1984	94 11 - GPP
32	21.40	0.035	0.22	0.83	62	855	60	19 079	-1 239.6	1 813.8	1984	93 02 - ABAND 92 11
20	30.98	0.053	0.20	0.79	78	827	59	17 893	-1 232.9	1 804.9	1984	96 07 - GPP
64	19.70	0.030	0.40	0.83	62	857	58	18 608	-1 209.8	1 783.1	1984	85 05 - ABAND 87 02
16	82.00	0.020	0.45	0.83	62	843	60	17 861	-1 197.9	1 769.4	1985	94 11 - GPP
16	81.50	0.025	0.35	0.83	62	843	60	17 641	-1 207.2	1 782.5	1985	90 12 - ABAND 88 10
16	52.80	0.050	0.15	0.83	62	843	60	18 320	-1 215.7	1 802.7	1985	94 11
16	7.50	0.040	0.40	0.83	62	843	60	16 798	-1 193.2	1 775.3	1985	90 12
64	30.70	0.010	0.50	0.81	77	843	59	17 840	-1 209.7	1 783.3	1985	86 03 - ABAND 87 08
32	21.90	0.045	0.22	0.83	62	843	60	16 798	-1 191.4	1 776.4	1986	97 12 - GPP
16	100.10	0.050	0.24	0.81	77	847	60	17 288	-1 253.0	1 824.8	1987	90 12 - ABAND 90 10
20	54.30	0.060	0.28	0.83	62	844	60	17 392	-1 220.1	1 796.6	1987	96 07 - GPP
32	53.90	0.040	0.19	0.81	77	858	59	17 311	-1 236.7	1 813.3	1987	92 09 - GPP
32	44.10	0.041	0.12	0.83	62	815	60	18 472	-1 193.7	1 771.5	1987	94 11 - GPP
16	8.73	0.040	0.31	0.86	62	845	60	17 273	-1 167.9	1 742.2	1987	90 12 - ABAND 89 09
16	33.60	0.040	0.18	0.81	77	859	55	18 735	-1 214.2	1 807.1	1988	95 12 - GPP
16	12.65	0.030	0.24	0.86	77	859	60	18 323	-1 180.9	1 751.5	1985	94 11 - GPP
32	15.30	0.050	0.16	0.83	62	845	60	16 643	-1 156.8	1 732.2	1989	93 12 - GPP
32	24.90	0.030	0.19	0.83	62	833	60	17 212	-1 210.5	1 782.1	1989	90 12 - GPP
16	23.00	0.090	0.18	0.83	62	845	60	19 582	-1 282.9	1 854.5	1989	94 11 - GPP
16	89.40	0.050	0.17	0.83	62	845	60	16 850	-1 201.8	1 782.7	1989	96 08 - GPP

TABLE 2-6

	1	2	3	4	5	6	7	8
FIELD POOL	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
TANGENT 080-24W5 (CONTINUED)								
D-1 KK	258.0	<0.02		5.0		5.0	5.0	
D-1 LL	398.0	0.07		27.9		27.9	24.8	3.1
D-1 MM	16.8	<0.04		0.6		0.6	0.6	
D-1 NN	73.0	<0.05		3.4		3.4	3.4	
D-1 OO	134.0	0.12		16.1		16.1	13.1	3.0
D-1 PP	116.0	<0.16		18.4		18.4	18.4	
D-1 QQ	80.0	<0.01		0.5		0.5	0.5	
D-1 RR	115.0	<0.07		7.6		7.6	7.6	
D-1 SS	103.0	<0.06		5.3		5.3	5.3	
D-1 TT	102.0	<0.03		3.0		3.0	3.0	
D-1 UU	244.0	0.13		31.7		31.7	28.4	3.3
D-1 VV	247.0	<0.02		4.9		4.9	4.9	
D-1 WW	361.0	0.20		72.2		72.2	58.1	14.1
D-1 XX	275.0	<0.03		6.6		6.6	6.6	
D-1 YY	240.0	0.10		24.0		24.0	21.1	2.9
D-1 ZZ	190.0	0.35		66.6		66.6	21.6	45.0
D-1 AAA	206.0	0.25		51.5		51.5	38.8	12.7
D-1 BBB	118.0	<0.01		1.0		1.0	1.0	
D-1 CCC	96.8	<0.09		8.0		8.0	8.0	
D-1 DDD	91.8	<0.03		2.6		2.6	2.6	
D-1 EEE	132.0	0.15		19.8		19.8	10.5	9.3
D-1 FFF	111.0	0.05		5.6		5.6	2.1	3.5
D-1 GGG	150.0	<0.08		11.1		11.1	11.1	
D-1 HHH	34.3	0.25		8.6		8.6	6.8	1.8
D-1 III	96.9	0.15		14.5		14.5	7.5	7.0
D-1 JJJ	33.0	<0.07		2.0		2.0	2.0	
D-1 KKK	345.0	<0.04		12.4		12.4	12.4	
D-1 LLL	191.0	0.05		9.6		9.6	6.7	2.9
D-1 MMM	102.0	0.20		20.4		20.4	6.4	14.0
FIELD TOTAL	14 317.1			1 559.9		1 559.9	1 331.9	228.0
TEEPEE 074-04W6								
CHARLIE LAKE A	74.9	<0.11		7.8		7.8	7.8	
FIELD TOTAL	74.9			7.8		7.8	7.8	
THORSBY 049-01W5								
GLAUCONITIC A TOTAL	4 157.0			316.0	180.0	496.0	332.4	163.6
PRIMARY AREA	557.0	0.05		27.9		27.9		
WATER FLOOD AREA	3 600.0	0.08	0.05	288.0	180.0	468.0		
GLAUCONITIC B	500.0	0.12		60.0		60.0	51.0	9.0
GLAUCONITIC C	173.0	0.05		8.7		8.7	1.2	7.5
GLAUCONITIC G	210.0	<0.01		1.2		1.2	1.2	
GLAUCONITIC K	942.0	0.05		47.1		47.1	21.5	25.6
OSTRACOD A	78.7	<0.01		0.2		0.2	0.2	
FIELD TOTAL	6 060.7			433.2	180.0	613.2	407.5	205.7
THREE HILLS CREEK 035-25W4								
VIKING B	105.0	0.20		21.0		21.0	16.2	4.8
VIKING G	29.4	0.10		2.9		2.9	1.2	1.7
VIKING J	199.0	0.15		29.9		29.9	17.2	12.7
VIKING L	60.7	<0.01		0.4		0.4	0.4	
VIKING M	978.0	0.05		48.9		48.9	2.8	46.1
VIKING P	127.0	0.10		12.7		12.7	1.0	11.7
VIKING Q	91.2	0.10		9.1		9.1	3.1	6.0
VIKING S	115.0	0.20		23.0		23.0	5.3	17.7
VIKING U	112.0	0.15		16.8		16.8	9.4	7.4
GLAUCONITIC D	48.3	0.15		7.2		7.2	0.4	6.8
ELLERSLIE H	870.0	0.10		87.0		87.0	11.0	76.0
ELLERSLIE M	83.4	0.10		8.3		8.3	1.7	6.6
PEKISKO	65.0	0.15		9.8		9.8	4.3	5.5
PEKISKO B	752.0	0.10		75.2		75.2	45.7	29.5
D-2 A	82.1	<0.09		6.9		6.9	6.9	
D-2 B	263.0	<0.04		8.4		8.4	8.4	
D-2 C	308.0	<0.16		48.0		48.0	47.1	0.9
D-2 D	99.1	<0.07		6.9		6.9	6.9	
D-2 E	35.8	0.06		2.1		2.1	2.1	
D-3 A	81.8	0.30		24.5		24.5	3.5	21.0

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
16	28.20	0.080	0.14	0.83	62	845	60	18 789	-1 220.9	1 801.9	1989	92 12 - ABAND 92 01
16	92.70	0.040	0.19	0.83	62	845	60	17 822	-1 221.5	1 799.8	1989	96 08 - GPP
16	6.90	0.023	0.20	0.83	62	833	60	18 347	-1 223.2	1 808.5	1989	90 04 - ABAND 90 07
32	6.20	0.060	0.26	0.83	62	845	60	18 032	-1 153.9	1 724.3	1989	92 10 - ABAND 92 08
16	32.40	0.040	0.25	0.86	77	859	60	17 880	-1 196.2	1 764.6	1988	97 12 - GPP
64	7.80	0.040	0.30	0.83	62	845	60	18 202	-1 215.4	1 796.1	1990	96 07 - GPP
16	13.80	0.059	0.26	0.83	62	849	61	17 382	-1 246.4	1 838.1	1990	94 11 - GPP
32	51.30	0.012	0.30	0.83	62	845	60	17 891	-1 197.5	1 775.4	1990	94 11 - GPP
32	21.90	0.025	0.32	0.86	55	829	57	19 113	-1 248.1	1 829.6	1990	94 11 - GPP
32	34.70	0.014	0.24	0.86	55	829	57	18 723	-1 220.0	1 794.5	1990	93 04 - ABAND 93 01
64	61.60	0.010	0.28	0.86	55	829	57	18 464	-1 234.1	1 811.0	1990	96 08 - GPP
16	44.90	0.050	0.20	0.86	55	829	57	17 564	-1 196.7	1 774.6	1990	94 11 - GPP
32	40.80	0.045	0.26	0.83	62	845	60	17 421	-1 212.7	1 799.7	1988	91 02
32	22.10	0.060	0.22	0.83	62	845	60	17 681	-1 212.6	1 790.8	1990	94 11
16	46.80	0.046	0.16	0.83	62	845	60	17 885	-1 210.7	1 789.8	1990	93 12 - GPP
32	20.10	0.050	0.27	0.81	77	858	60	17 133	-1 210.0	1 786.3	1991	91 05
64	16.80	0.030	0.23	0.83	62	845	60	16 427	-1 174.5	1 751.4	1991	93 12 - GPP
32	32.10	0.020	0.31	0.83	62	848	61	18 737	-1 232.2	1 811.0	1991	92 03 - ABAND 91 09
16	18.00	0.050	0.19	0.83	62	848	61	17 252	-1 172.6	1 751.8	1990	94 11 - GPP
32	12.00	0.040	0.28	0.83	62	848	61	17 668	-1 174.1	1 750.9	1991	94 11
32	15.10	0.040	0.18	0.83	62	845	60	17 054	-1 170.3	1 741.5	1991	92 07 - GPP
16	14.10	0.070	0.18	0.86	55	829	57	18 656	-1 230.8	1 800.0	1991	95 12 - GPP
32	18.90	0.040	0.28	0.86	55	829	57	17 343	-1 260.4	1 838.2	1991	94 11
32	5.20	0.040	0.40	0.86	55	829	57	17 216	-1 216.2	1 795.0	1991	95 12 - GPP
32	9.60	0.050	0.24	0.83	62	845	60	19 083	-1 241.5	1 812.2	1991	95 12 - GPP
32	10.00	0.020	0.40	0.86	55	829	57	17 102	-1 199.7	1 780.0	1991	94 11 - GPP
32	45.00	0.040	0.26	0.81	77	859	60	19 018	-1 218.4	1 792.2	1983	92 07 - ABAND 90 10
16	24.20	0.090	0.34	0.83	62	854	60	16 464	-1 177.0	1 749.5	1985	92 12 - GPP
32	12.50	0.040	0.23	0.83	62	845	60	18 183	-1 204.9	1 781.7	1992	92 11 - GPP
64	1.24	0.185	0.40	0.85	68	844	49	14 974	-932.3	1 664.4	1987	96 07 - ABAND 96 02
486					86	849	54	12 292	-728.2	1 491.8	1979	95 06
112	6.25	0.130	0.28	0.85								
374	12.10	0.130	0.28	0.85								- GPP
64	6.79	0.180	0.17	0.77	66	867	63	12 322	-702.3	1 451.2	1973	97 12 - GPP
32	7.24	0.148	0.29	0.71	110	868	60	12 439	-749.8	1 534.7	1979	94 01 - GPP
16	12.90	0.133	0.15	0.90	95	866	62	11 738	-633.2	1 360.3	1985	92 12 - ABAND 95 06
261	4.74	0.140	0.36	0.85	62	861	61	11 632	-693.4	1 431.0	1981	94 12 - GPP
64	1.54	0.152	0.30	0.75	110	866	53	12 683	-740.9	1 511.0	1981	87 12 - ABAND 90 08
192	1.13	0.100	0.43	0.85	67	822	56	8 411	-641.9	1 590.7	1987	91 01 - GPP
32	1.20	0.170	0.43	0.79	70	818	61	7 848	-661.4	1 620.3	1994	95 02 - GPP
128	2.70	0.130	0.46	0.82	66	832	51	8 807	-579.8	1 497.5	1994	95 10 - GPP
16	6.20	0.120	0.37	0.81	67	821	56	6 396	-663.3	1 635.9	1993	96 07 - GPP
575	2.80	0.110	0.35	0.85	67	821	56	8 334	-631.3	1 597.8	1994	96 11
64	4.00	0.110	0.45	0.82	66	832	51	10 201	-622.6	1 592.0	1996	97 02 - GPP
64	2.40	0.130	0.45	0.83	66	816	61		-609.1	1 596.2	1996	97 06 - GPP
192	1.73	0.070	0.39	0.81	67	822	56		-636.8	1 618.9	1996	97 08 - GPP
64	2.20	0.120	0.22	0.85	67	821	56		-647.1	1 611.8	1994	97 12
16	4.20	0.140	0.35	0.79	78	877	59	11 404	-782.8	1 706.4	1994	94 10
216	4.60	0.170	0.34	0.78	91	879	70	11 962	-856.5	1 811.5	1994	97 09 - GPP
64	2.20	0.130	0.47	0.86	53	878	67		-859.1	1 828.0	1996	97 08 - GPP
64	5.58	0.037	0.40	0.82	71	860	66	11 357	-844.5	1 773.3	1953	97 12 - GPP
256	7.76	0.060	0.24	0.83	63	774	64	11 640	-881.2	1 856.3	1984	88 04 - GPP
64	4.70	0.050	0.22	0.70	130	841	65	17 299	-1 169.8	2 150.5	1984	95 05 - ABAND 94 12
128	6.52	0.060	0.28	0.73	141	826	64	15 422	-1 081.7	1 972.6	1978	96 07 - GPP
192	6.19	0.050	0.30	0.74	158	828	77	18 419	-1 092.1	2 008.3	1961	96 12 - GPP
32	10.90	0.058	0.30	0.70	130	815	69	18 250	-1 100.9	2 061.4	1985	96 07 - GPP
64	1.80	0.060	0.30	0.74	130	815	69	17 263	-1 164.7	2 142.8	1951	96 12 - ABAND 58 09
64	3.00	0.080	0.25	0.71	291	763	62	17 207	-1 277.0	2 233.5	1980	97 11 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
THREE HILLS CREEK 035-25W4 (CONTINUED)								
D-3 B	112.0	<0.02		1.3		1.3	1.3	
D-3 C	133.0	<0.02		1.5		1.5	1.5	
FIELD TOTAL	4 750.8			451.8		451.8	197.4	254.4
TINDASTOLL 036-01W5								
BELLY RIVER A	2 798.0	0.07		196.0		196.0	162.6	33.4
BELLY RIVER B	120.0	0.03		3.6		3.6	3.3	0.3
BELLY RIVER C	248.0	<0.01		0.1		0.1	0.1	
BELLY RIVER E	275.0	<0.01		0.1		0.1	0.1	
BELLY RIVER F	442.0	0.02		8.8		8.8	1.2	7.6
BELLY RIVER G	87.4	<0.01		0.1		0.1	0.1	
VIKING A	58.2	0.15		8.7		8.7	5.7	3.0
VIKING B & LOWER MANNVILLE B	149.0	0.05		7.5		7.5	1.6	5.9
LOWER MANNVILLE A	122.0	<0.01		0.4		0.4	0.4	
PEKISKO A	114.0	0.03		3.4		3.4	2.5	0.9
FIELD TOTAL	4 413.6			228.7		228.7	177.6	51.1
TOMAHAWK 052-05W5								
CARDIUM A	85.7	0.30		25.7		25.7	11.8	13.9
CARDIUM B	62.3	0.10		6.2		6.2	1.0	5.2
OSTRACOD A	586.0	0.20		117.0		117.0	73.0	44.0
OSTRACOD B	218.0	0.15		32.7		32.7	22.1	10.6
OSTRACOD C	504.0	0.15		75.6		75.6	44.1	31.5
OSTRACOD F	491.0	0.07		34.4		34.4	24.7	9.7
OSTRACOD I	47.8	0.10		4.8		4.8	1.9	2.9
OSTRACOD K	167.0	0.15		25.1		25.1	13.8	11.3
OSTRACOD D & E	566.0	0.10		56.6		56.6	45.7	10.9
NORDEGG A	1 250.0	0.05		62.5		62.5	33.0	29.5
NORDEGG B, BANFF B & C	3 383.0	0.03		101.0		101.0	68.7	32.3
NORDEGG C & BANFF D	374.0	0.10		37.4		37.4	22.3	15.1
BANFF A	150.0	<0.01		0.1		0.1	0.1	
BANFF E	28.5	<0.03		0.6		0.6	0.6	
FIELD TOTAL *	7 913.3			579.7		579.7	362.8	216.9
TONY CREEK NORTH 064-21W5								
VIKING A	105.0	<0.01		0.4		0.4	0.4	
GETHING C	265.0	<0.03		5.6		5.6	5.6	
FIELD TOTAL	370.0			6.0		6.0	6.0	
TRAVERS 013-21W4								
BOW ISLAND A	131.0	<0.01		1.1		1.1	1.1	
BOW ISLAND B	101.0	0.10		10.1		10.1	2.1	8.0
FIELD TOTAL	232.0			11.2		11.2	3.2	8.0
TROCHU 033-22W4								
BASAL QUARTZ A	922.0	0.05		46.1		46.1	34.9	11.2
BASAL QUARTZ B	762.0	0.03		22.9		22.9	12.8	10.1
BASAL QUARTZ D	71.4	<0.01		0.6		0.6	0.6	
FIELD TOTAL	1 755.4			69.6		69.6	48.3	21.3
TROUT 090-03W5								
KEG RIVER A	2 401.0	0.25		600.0		600.0	411.5	188.5
KEG RIVER C	815.0	0.25		204.0		204.0	179.2	24.8
KEG RIVER D	70.7	<0.01		0.4		0.4	0.4	
KEG RIVER F	80.8	<0.01		0.1		0.1		0.1
KEG RIVER G	121.0	<0.03		3.1		3.1	3.1	
KEG RIVER H	132.0	<0.01		0.1		0.1	0.1	
KEG RIVER J	180.0	0.55		99.0		99.0	78.6	20.4
KEG RIVER K	566.0	0.35		198.0		198.0	127.8	70.2
KEG RIVER N	2 019.0	0.25		505.0		505.0	436.3	68.7
KEG RIVER O	54.4	<0.10		5.0		5.0	5.0	
KEG RIVER P	1 589.0	0.20		318.0		318.0	258.5	59.5

* LIGHT-MEDIUM CRUDE OIL POOLS

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
64	4.00	0.080	0.17	0.66	181	808	21	18 442	-1 130.4	2 090.9	1985	86 05 - ABAND 87 02
64	4.50	0.080	0.23	0.75	146	819	68	17 005	-1 269.5	2 236.8	1980	90 12 - ABAND 88 07
904	3.50	0.150	0.33	0.88	50	827	40	6 062	-252.4	1 177.2	1980	94 12 - GPP
16	9.80	0.150	0.42	0.88	52	865	35	5 526	-273.0	1 184.3	1981	92 12 - GPP
64	3.70	0.170	0.30	0.88	36	876	43	6 154	-261.3	1 197.2	1983	83 07 - ABAND 83 05
64	4.10	0.170	0.30	0.88	36	815	43	5 166	-235.7	1 160.0	1983	83 07 - ABAND 83 09
64	10.20	0.140	0.45	0.88	36	815	43	5 686	-282.2	1 191.2	1983	89 12 - GPP
64	2.30	0.150	0.55	0.88	36	815	43	6 211	-266.8	1 179.1	1988	89 02 - ABAND 89 06
64	0.80	0.220	0.37	0.82	68	844	64	14 347	-818.8	1 767.6	1987	88 12 - GPP
64	3.40	0.110	0.19	0.77	85	851	74	15 433	-1 000.8	1 910.5	1988	88 12 - GPP
16	13.00	0.120	0.30	0.70	155	897	70	15 849	-1 059.7	1 997.8	1981	92 11 - ABAND 82 09
32	5.20	0.110	0.20	0.78	85	890	70	15 299	-1 098.8	2 039.1	1982	92 12
128	1.00	0.100	0.28	0.93	28	874	38	14 815	-384.7	1 170.5	1994	96 12 - GPP
64	1.70	0.110	0.44	0.93	28	874	38	8 014	-379.8	1 173.1	1995	96 12 - GPP
467	1.84	0.130	0.31	0.76	115	882	61	15 597	-901.3	1 731.1	1987	92 05 - GPP
64	3.30	0.140	0.17	0.89	91	834	65	15 669	-877.5	1 695.8	1989	89 10 - GPP
128	3.91	0.160	0.16	0.75	50	909	50	15 082	-861.2	1 666.2	1989	91 08 - GPP
64	5.20	0.210	0.10	0.78	73	875	68	15 001	-864.7	1 642.6	1990	96 08 - GPP
16	4.52	0.140	0.37	0.75	115	839	61	14 849	-864.4	1 682.4	1990	97 11 - GPP
128	1.24	0.160	0.19	0.81	86	867	58	15 707	-900.3	1 735.8	1993	93 12 - GPP
128	5.12	0.160	0.29	0.76	115	868	61	15 480	-886.1	1 710.8	1988	93 10 - GPP
277	4.93	0.180	0.34	0.77	115	887	53	15 194	-843.6	1 652.0	1981	87 12 - GPP
500	7.20	0.165	0.33	0.85	40	945	51	15 196	-823.5	1 585.3	1984	94 12 - GPP
48	6.17	0.190	0.20	0.83	60	950	51	12 077	-797.8	1 536.3	1986	88 04 - GPP
64	5.00	0.090	0.40	0.87	100	885	50	15 888	-822.5	1 620.6	1985	86 01 - ABAND 87 05
16	1.69	0.200	0.38	0.85	54	950	52	16 070	-835.6	1 656.7	1987	94 01 - ABAND 93 09
16	10.00	0.130	0.40	0.84	70	844	47	10 874	-771.8	1 577.5	1984	92 10
64	6.16	0.120	0.30	0.80	74	887	82	14 841	-1 106.1	1 880.3	1977	94 11 - ABAND 93 08
64	1.80	0.160	0.20	0.89	70	882	32	7 456	-122.0	1 057.4	1977	87 12 - ABAND 88 10
64	1.20	0.190	0.22	0.89	46	876	32	5 360	-109.6	1 023.4	1991	92 05 - GPP
64	15.41	0.200	0.45	0.85	60	873	52	8 991	-626.7	1 489.6	1969	78 12 - GPP
128	6.83	0.180	0.43	0.85	52	873	49	8 916	-640.2	1 520.0	1982	85 12 - GPP
32	2.90	0.170	0.48	0.87	42	887	70	8 950	-621.5	1 494.5	1990	94 11 - ABAND 94 04
1 586	2.74	0.090	0.34	0.93	23	835	39	13 430	-673.0	1 368.7	1984	94 07 - GPP
431	3.97	0.080	0.36	0.93	38	834	39	13 932	-687.8	1 462.3	1985	93 10 - GPP
64	3.04	0.071	0.45	0.93	38	827	39	13 875	-684.7	1 443.6	1985	89 12 - ABAND 90 06
64	2.42	0.092	0.39	0.93	23	832	39	12 877	-663.8	1 291.8	1986	89 12
50	4.25	0.090	0.32	0.93	23	847	39	13 959	-696.8	1 484.5	1986	96 07 - GPP
64	3.10	0.115	0.38	0.93	23	843	39	13 691	-683.5	1 427.0	1985	88 12 - ABAND 90 06
64	6.55	0.066	0.30	0.93	23	835	39	14 019	-703.4	1 485.4	1987	97 12 - GPP
128	7.05	0.095	0.29	0.93	23	830	39	13 938	-699.7	1 431.4	1987	87 09 - GPP
384	8.78	0.087	0.26	0.93	23	835	39	14 007	-706.7	1 456.1	1986	88 12
16	8.26	0.079	0.44	0.93	23	842	39	13 932	-701.1	1 447.2	1987	94 11 - GPP
512	4.88	0.090	0.24	0.93	23	830	39	14 269	-726.5	1 466.6	1987	94 12

TABLE 2-6

FIELD POOL	1	2	3	4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
TROUT 090-03W5 (CONTINUED)								
KEG RIVER R	47.9	<0.14		6.6		6.6	6.6	
KEG RIVER S	46.4	0.20		9.3		9.3	8.0	1.3
KEG RIVER T	34.7	<0.02		0.6		0.6	0.6	
KEG RIVER U	61.2	<0.04		2.1		2.1	2.1	
KEG RIVER V	34.6	<0.20		6.9		6.9	6.1	0.8
KEG RIVER W	228.0	0.23		52.4		52.4	37.3	15.1
KEG RIVER X	39.1	<0.09		3.4		3.4	3.4	
KEG RIVER Z	94.5	0.25		23.6		23.6	19.6	4.0
KEG RIVER AA	121.0	0.10		12.1		12.1	8.0	4.1
KEG RIVER CC	195.0	0.25		48.8		48.8	32.0	16.8
KEG RIVER DD	400.0	0.30		120.0		120.0	87.7	32.3
KEG RIVER EE	85.9	<0.09		7.6		7.6	7.6	
KEG RIVER FF	79.9	0.25		20.0		20.0	18.4	1.6
KEG RIVER GG	20.1	<0.05		0.9		0.9	0.9	
KEG RIVER HH	180.0	0.25		45.0		45.0	31.0	14.0
KEG RIVER II	41.0	<0.06		2.4		2.4	2.4	
KEG RIVER JJ	72.1	<0.01		0.4		0.4	0.4	
KEG RIVER KK	34.8	<0.02		0.4		0.4	0.4	
KEG RIVER LL	141.0	0.25		35.3		35.3	12.5	22.8
KEG RIVER MM	39.7	0.25		9.9		9.9	0.9	9.0
KEG RIVER-GRANITE WASH A	1 523.0	0.13		198.0		198.0	185.7	12.3
KEG RIVER-GRANITE WASH B	1 470.0	0.35		515.0		515.0	456.8	58.2
FIELD TOTAL	13 018.8			3 053.4		3 053.4	2 428.9	624.5
TURIN 010-18W4								
FISH SCALE B	24.5	<0.06		1.4		1.4	1.4	
UPPER MANNVILLE B	386.0	0.05		19.3		19.3	16.4	2.9
UPPER MANNVILLE C	2 060.0	0.35		721.0		721.0	589.6	131.4
UPPER MANNVILLE H	2 601.0			650.0	234.0	884.0	664.1	219.9
TOTAL								
PRIMARY AREA	201.0	0.25		50.3		50.3		
WATER FLOOD AREA	2 400.0	0.25	0.09	600.0	234.0	834.0		
UPPER MANNVILLE I	29.9	0.02		0.6		0.6	0.6	
UPPER MANNVILLE J	1 110.0	0.13		144.0		144.0	117.6	26.4
UPPER MANNVILLE L	51.5	0.15		7.7		7.7	5.5	2.2
UPPER MANNVILLE N	533.0	0.20		107.0		107.0	87.8	19.2
UPPER MANNVILLE P	261.0	0.15		39.2		39.2	19.7	19.5
UPPER MANNVILLE Q	91.1	0.10		9.1		9.1	2.3	6.8
UPPER MANNVILLE R	84.2	0.17		14.3		14.3	12.6	1.7
UPPER MANNVILLE T	278.0	0.15		41.7		41.7	18.1	23.6
UPPER MANNVILLE U	246.0	0.10		24.6		24.6	8.8	15.8
LOWER MANNVILLE B	198.0	<0.02		3.3		3.3	3.3	
LOWER MANNVILLE E	2 039.0	0.20		408.0		408.0	334.7	73.3
LOWER MANNVILLE G	72.8	<0.05		3.1		3.1	3.1	
LOWER MANNVILLE H	731.0	0.02		14.6		14.6	11.7	2.9
LOWER MANNVILLE L	1 435.0	0.25		359.0		359.0	272.1	86.9
LOWER MANNVILLE M	218.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE N	81.3	<0.01		0.6		0.6	0.6	
LOWER MANNVILLE O	23.2	<0.04		0.7		0.7	0.7	
LOWER MANNVILLE P	96.3	0.15		14.4		14.4	3.1	11.3
LOWER MANNVILLE V	258.0	<0.09		21.9		21.9	21.9	
LOWER MANNVILLE X	113.0	<0.11		11.4		11.4	11.4	
LOWER MANNVILLE BB	96.8	<0.01		0.8		0.8	0.8	
LOWER MANNVILLE CC	1 032.0	0.20		206.0		206.0	74.7	131.3
LOWER MANNVILLE DD	224.0	0.11		24.6		24.6	23.1	1.5
LOWER MANNVILLE HH	89.2	0.10		8.9		8.9	5.2	3.7
LOWER MANNVILLE II	1 542.0			207.0	105.0	312.0	245.4	66.6
TOTAL								
PRIMARY AREA	492.0	0.10		49.2		49.2		
WATER FLOOD AREA	1 050.0	0.15	0.10	158.0	105.0	263.0		
LOWER MANNVILLE KK	70.2	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE LL	348.0	0.04		13.9		13.9	12.1	1.8
LOWER MANNVILLE OO	48.4	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE PP	57.4	<0.07		3.9		3.9	3.9	
LOWER MANNVILLE QQ	64.3	<0.02		0.7		0.7	0.7	
LOWER MANNVILLE RR	57.0	0.15		8.6		8.6	7.8	0.8
LOWER MANNVILLE SS	86.5	<0.01		0.7		0.7	0.7	
LOWER MANNVILLE TT	470.0	0.13		61.1		61.1	54.4	6.7

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m^3/m^3	kg/m^3	°C	kPa	m MSL	m KB		
16	4.50	0.110	0.35	0.93	23	830	39	14 422	-743.4	1 481.4	1987	94 11 - GPP
32	3.95	0.068	0.42	0.93	23	820	39	14 112	-712.0	1 455.0	1987	94 11 - GPP
16	4.50	0.081	0.36	0.93	23	823	39	14 064	-711.4	1 447.4	1987	94 11 - GPP
16	6.30	0.096	0.32	0.93	23	835	39	14 020	-708.0	1 457.7	1987	96 07 - GPP
32	3.60	0.049	0.34	0.93	23	823	39	13 300	-701.0	1 488.2	1987	94 11 - GPP
64	8.40	0.060	0.24	0.93	23	823	39	13 724	-694.3	1 458.4	1987	97 12 - GPP
32	3.10	0.080	0.47	0.93	23	840	39	13 286	-672.0	1 425.6	1986	96 07 - GPP
32	5.19	0.090	0.32	0.93	23	835	39	13 061	-730.1	1 468.0	1989	94 11 - GPP
32	9.60	0.070	0.38	0.91	32	824	39	14 948	-730.9	1 467.9	1990	93 12 - GPP
32	6.30	0.140	0.25	0.92	25	825	39	11 663	-708.3	1 457.8	1991	94 11 - GPP
282	3.25	0.070	0.33	0.93	23	835	39	13 571	-745.1	1 463.5	1991	96 04 - GPP
32	7.50	0.070	0.45	0.93	23	835	39	11 125	-693.8	1 469.2	1991	96 07 - GPP
32	5.50	0.080	0.39	0.93	23	830	39	11 093	-689.7	1 470.8	1992	95 12 - GPP
16	2.60	0.080	0.35	0.93	23	835	39	13 954	-699.2	1 443.2	1985	96 07 - GPP
32	9.60	0.090	0.30	0.93	23	835	39	10 807	-714.9	1 478.7	1993	94 12 - GPP
16	5.30	0.080	0.35	0.93	23	835	39	13 416	-671.2	1 366.0	1993	96 07 - ABAND 97 04
32	3.50	0.100	0.30	0.92	26	821	41	10 843	-723.5	1 489.0	1993	96 05 - ABAND 96 02
16	6.00	0.060	0.35	0.93	23	835	39	11 855	-701.2	1 417.4	1993	96 07 - GPP
128	4.20	0.060	0.53	0.93	23	835	39	10 497	-724.9	1 464.7	1993	95 06 - GPP
16	3.50	0.110	0.30	0.92	26	821	41	13 095	-734.5	1 452.8	1995	96 10 - GPP
256	14.00	0.070	0.34	0.92	23	831	39	14 085	-711.4	1 490.1	1987	92 12 - GPP
515	5.93	0.075	0.31	0.93	23	834	39	13 813	-688.4	1 463.6	1986	88 10 - GPP
16	1.22	0.220	0.40	0.95	20	881	27	4 398	136.8	684.6	1975	96 07 - ABAND 97 02
128	2.71	0.190	0.31	0.85	63	904	31	11 469	-212.4	1 079.3	1973	96 08 - GPP
280	4.62	0.240	0.21	0.84	72	881	32	11 305	-195.8	996.1	1974	92 08
432					68	869	31	11 262	-199.2	1 010.9	1980	94 08
32	6.54	0.180	0.38	0.86								
400	5.37	0.200	0.35	0.86								- GPP
16	2.50	0.150	0.42	0.86	70	869	31	10 850	-187.6	987.0	1983	92 12 - GPP
160	8.84	0.160	0.43	0.86	68	831	31	10 910	-186.6	975.8	1982	97 12 - GPP
64	0.90	0.160	0.35	0.86	68	831	31	10 874	-193.6	1 023.0	1983	97 12 - GPP
128	4.14	0.190	0.37	0.84	72	866	32	10 886	-230.6	1 096.4	1979	94 12 - GPP
16	13.53	0.200	0.30	0.86	68	832	31	9 872	-217.9	1 077.1	1992	93 01 - GPP
16	4.60	0.200	0.28	0.86	68	832	31	9 639	-226.7	1 087.7	1992	92 09
32	1.50	0.240	0.15	0.86	68	832	31	9 803	-207.9	1 066.3	1992	97 12 - GPP
32	7.40	0.200	0.30	0.84	72	866	32	9 015	-231.3	1 103.7	1993	96 07 - GPP
61	3.13	0.220	0.31	0.85	73	896	33	9 711	-235.4	1 108.9	1995	97 05 - GPP
100	1.80	0.190	0.32	0.85	62	881	36	10 871	-222.2	1 069.5	1961	96 07
394	4.50	0.190	0.32	0.89	65	887	32	12 160	-231.0	1 096.7	1973	97 12 - GPP
64	1.52	0.160	0.45	0.85	33	876	66	12 195	-226.8	1 072.1	1961	82 12
192	3.15	0.210	0.33	0.86	85	881	38	11 034	-215.7	1 053.1	1974	89 11 - GPP
395	3.80	0.180	0.41	0.90	38	893	32	11 339	-191.0	990.1	1974	97 03 - GPP
65	3.96	0.180	0.50	0.94	25	940	32	10 605	-206.4	1 025.7	1974	82 12
32	2.44	0.180	0.35	0.89	53	887	32	10 874	-208.8	1 008.6	1975	78 07
16	2.16	0.120	0.35	0.86	59	898	34	11 332	-214.0	1 047.0	1976	96 07 - GPP
64	1.76	0.150	0.40	0.95	21	930	33	11 374	-211.1	1 036.5	1977	95 04
218	1.30	0.170	0.37	0.85	110	880	37	11 793	-238.3	1 102.6	1979	96 07 - GPP
155	0.75	0.150	0.28	0.90	38	889	32	11 206	-204.0	1 011.3	1981	96 07 - ABAND 96 08
16	3.70	0.210	0.18	0.95	20	956	33	11 016	-209.0	1 000.2	1981	93 03 - ABAND 92 07
487	2.03	0.200	0.40	0.87	60	871	31	11 276	-217.6	1 013.4	1980	96 04 - GPP
121	1.50	0.200	0.30	0.88	45	866	49	11 322	-224.8	1 020.4	1980	96 12 - GPP
64	1.50	0.180	0.40	0.86	62	887	32	11 417	-212.2	1 052.2	1974	83 06 - GPP
473					87	887	35	11 689	-228.0	1 064.0	1973	95 12
200	2.58	0.190	0.38	0.81								
273	4.03	0.190	0.38	0.81								- GPP
64	1.70	0.150	0.50	0.86	62	887	32	10 608	-213.0	1 058.5	1983	89 12 - ABAND 90 02
64	5.40	0.180	0.31	0.81	86	817	35	11 608	-223.8	1 073.2	1983	96 08 - GPP
32	2.00	0.120	0.30	0.90	38	892	32	11 181	-203.5	1 007.5	1984	84 11 - ABAND 87 05
16	2.00	0.240	0.17	0.90	38	892	32	11 070	-197.1	994.6	1984	96 07 - GPP
16	2.50	0.220	0.15	0.86	62	887	32	11 278	-239.9	1 089.5	1984	96 07 - GPP
64	0.92	0.150	0.25	0.86	62	887	32	11 408	-210.9	1 010.3	1984	87 12 - GPP
32	2.00	0.190	0.21	0.90	38	892	32	11 146	-199.5	1 006.0	1985	85 08 - ABAND 86 03
161	2.77	0.180	0.35	0.90	38	893	32	11 203	-203.0	1 008.3	1969	96 08 - GPP

TABLE 2-6

FIELD POOL	1	2	3	4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
TURIN 010-18W4 (CONTINUED)								
LOWER MANNVILLE EE,FF & GG	667.0	0.20		133.0		133.0	126.3	6.7
LOWER MANNVILLE NN & III	138.0	0.10		13.8		13.8	8.1	5.7
LOWER MANNVILLE AAA	133.0	0.10		13.3		13.3	13.3	
LOWER MANNVILLE BBB	661.0	0.30		198.0		198.0	137.4	60.6
LOWER MANNVILLE CCC	102.0	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE FFF	198.0	0.05		9.9		9.9	9.0	0.9
LOWER MANNVILLE KKK	89.9	0.10		9.0		9.0	5.9	3.1
LOWER MANNVILLE LLL	88.8	0.04		3.6		3.6	2.1	1.5
LOWER MANNVILLE NNN	488.0	0.10		48.8		48.8	30.2	18.6
LOWER MANNVILLE OOO	239.0	0.04		9.6		9.6	6.2	3.4
LOWER MANNVILLE UUU	233.0	0.43		100.0		100.0	77.3	22.7
LOWER MANNVILLE XXX	36.8	0.20		7.4		7.4	4.3	3.1
LOWER MANNVILLE YYY	203.0	<0.05		9.3		9.3	9.3	
LOWER MANNVILLE B2B	650.0	0.10		65.0		65.0	49.5	15.5
LOWER MANNVILLE C2C	26.0	0.25		6.5		6.5	4.5	2.0
LOWER MANNVILLE D2D	75.5	<0.03		2.1		2.1	2.1	
LOWER MANNVILLE E2E	52.9	0.20		10.6		10.6	8.9	1.7
LOWER MANNVILLE F2F	31.0	0.30		9.3		9.3	6.7	2.6
LOWER MANNVILLE G2G	316.0	0.30		94.8		94.8	35.2	59.6
LOWER MANNVILLE K2K	24.0	0.20		4.8		4.8	3.1	1.7
LOWER MANNVILLE M2M	80.6	0.10		8.1		8.1	3.2	4.9
LOWER MANNVILLE P2P	76.5	0.20		15.3		15.3	3.3	12.0
LOWER MANNVILLE R2R	80.0	0.10		8.0		8.0	2.8	5.2
LOWER MANNVILLE S2S	28.0	0.20		5.6		5.6	2.6	3.0
LOWER MANNVILLE T2T	87.4	0.20		17.5		17.5	3.6	13.9
LOWER MANNVILLE U2U	176.0	0.10		17.6		17.6	1.8	15.8
LOWER MANNVILLE MM & SAWTOOTH A	870.0	<0.18		152.0		152.0	94.9	57.1
LOWER MANNVILLE N2N & SAWTOOTH D	34.0	0.20		6.8		6.8	3.1	3.7
SAWTOOTH B	48.8	0.03		1.5		1.5	1.5	
SAWTOOTH C	120.0	0.23		27.6		27.6	23.8	3.8
SAWTOOTH E	14.4	0.25		3.6		3.6	2.5	1.1
LIVINGSTONE A	437.0	0.40		175.0		175.0	150.4	24.6
LIVINGSTONE B	39.8	<0.01		0.1		0.1	0.1	
FIELD TOTAL *	23 753.0			4 341.2	339.0	4 680.2	3 469.5	1 210.7
TURNER VALLEY 020-03W5								
CARDIUM A	266.0	0.05		13.3		13.3	2.5	10.8
BLAIRMORE GG	73.2	<0.02		1.3		1.3	1.3	
BLAIRMORE HH	293.0	<0.02		3.8		3.8	3.8	
BLAIRMORE A & B	202.0	0.03		6.1		6.1	5.7	0.4
BLAIRMORE C & FF	90.7	<0.02		1.8		1.8	1.8	
RUNDLE WATER FLOOD	159 000.0	<0.14	0.02	21 760.0	3 180.0	24 940.0	23 395.6	1 544.4
RUNDLE B	355.0	0.03		10.7		10.7	4.3	6.4
RUNDLE D	262.0	<0.02		3.8		3.8	3.8	
SHALLOW	715.0	0.09		64.4		64.4	64.4	
FIELD TOTAL	161 256.9			21 865.2	3 180.0	25 045.2	23 483.2	1 562.0
TWINING 031-24W4								
UPPER MANNVILLE B	143.0	<0.01		1.0		1.0	1.0	
UPPER MANNVILLE H WATER FLOOD	737.0	0.20	0.15	147.0	111.0	258.0	137.3	120.7
GLAUCONITIC A	50.4	<0.03		1.3		1.3	1.3	
GLAUCONITIC B	75.4	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE B WATER FLOOD	1 810.0	<0.07	0.18	118.0	326.0	444.0	414.0	30.0
LOWER MANNVILLE C	123.0	0.07		8.6		8.6	8.6	
LOWER MANNVILLE F	100.0	0.14		14.0		14.0	12.7	1.3
LOWER MANNVILLE G	236.0	0.15		35.4		35.4	32.5	2.9
LOWER MANNVILLE H	194.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE J	295.0	0.10		29.5		29.5	26.1	3.4
LOWER MANNVILLE M	95.9	0.07		6.7		6.7	2.8	3.9
LOWER MANNVILLE N	215.0	0.10		21.5		21.5	14.3	7.2
LOWER MANNVILLE O	323.0	<0.01		0.7		0.7	0.7	
LOWER MANNVILLE P	281.0	0.20		56.2		56.2	48.4	7.8

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
128	3.63	0.190	0.16	0.90	68	889	30	11 151	-208.8	1 007.9	1981	91 12 - GPP
32	2.75	0.240	0.23	0.85	86	887	35	11 150	-224.8	1 069.4	1984	95 03 - GPP
64	1.96	0.190	0.38	0.90	38	892	32	11 215	-221.5	1 067.7	1982	96 07 - GPP
358	2.50	0.160	0.43	0.81	86	890	35	11 192	-218.4	1 075.0	1983	97 12 - GPP
64	1.30	0.190	0.28	0.90	38	892	37	11 845	-206.0	1 013.2	1985	92 10 - ABAND 92 08
128	2.06	0.160	0.42	0.81	86	890	35	11 776	-231.7	1 016.3	1986	89 04 - GPP
64	1.70	0.170	0.40	0.81	86	890	35	11 871	-208.7	978.8	1988	91 12 - GPP
32	2.00	0.200	0.27	0.95	17	880	29	11 617	-219.4	1 073.0	1988	96 08 - GPP
191	2.93	0.190	0.44	0.82	84	887	32	10 393	-214.3	1 017.9	1988	90 06 - GPP
64	3.50	0.200	0.35	0.82	84	887	32	10 847	-211.5	1 002.8	1988	96 08 - GPP
144	2.30	0.150	0.42	0.81	86	891	35	10 891	-231.2	1 098.3	1980	97 12 - GPP
16	2.40	0.190	0.44	0.90	38	902	32	10 635	-200.8	1 004.0	1990	91 01 - GPP
64	3.50	0.170	0.35	0.82	84	887	32	10 870	-214.4	1 066.6	1979	96 01 - ABAND 95 10
222	3.46	0.180	0.42	0.81	87	887	35	11 049	-217.5	1 030.5	1985	92 05 - GPP
16	2.00	0.180	0.45	0.82	84	887	32	10 425	-230.7	1 091.1	1991	93 12 - GPP
16	4.27	0.210	0.44	0.94	19	886	43	11 668	-228.3	1 052.8	1975	93 09 - GPP
16	4.00	0.170	0.40	0.81	83	890	35	10 080	-230.8	1 089.1	1968	93 10 - GPP
32	1.28	0.170	0.45	0.81	84	887	32	9 795	-228.1	1 093.1	1994	96 03 - GPP
100	4.10	0.170	0.44	0.81	84	887	32	10 169	-237.4	1 095.9	1994	97 02 - GPP
32	0.60	0.200	0.29	0.88	54	866	31	11 203	-220.1	1 012.2	1995	96 02 - GPP
32	2.40	0.200	0.36	0.82	84	887	32	9 714	-211.0	1 031.6	1995	96 04 - GPP
16	3.40	0.220	0.29	0.90	48	883	32	9 163	-236.1	1 095.7	1996	96 10 - GPP
16	5.00	0.200	0.39	0.82	84	887	32	9 617	-244.2	1 106.5	1996	97 08 - GPP
32	0.80	0.180	0.25	0.81	83	890	35	8 946	-199.4	995.8	1996	96 11 - GPP
16	3.00	0.230	0.12	0.90	40	869	32	9 125	-201.5	993.5	1996	96 11 - GPP
32	3.60	0.260	0.34	0.89	50	877	32		-218.1	1 051.2	1996	97 06 - GPP
316	2.47	0.180	0.28	0.86	62	887	32	11 698	-244.2	1 095.4	1984	95 07 - GPP
16	2.20	0.185	0.42	0.90	40	868	32	11 506	-220.7	1 011.1	1995	96 07 - GPP
16	2.90	0.220	0.45	0.87	53	875	28	10 675	-226.8	1 020.7	1990	95 07 - ABAND 94 10
32	3.00	0.210	0.30	0.85	66	875	29	11 496	-242.9	1 101.5	1993	97 12 - GPP
32	0.60	0.170	0.50	0.88	57	887	32	10 829	-254.0	1 103.3	1995	96 07 - GPP
200	2.10	0.180	0.32	0.85	63	887	42	11 393	-225.3	1 082.1	1987	95 12 - GPP
64	3.00	0.050	0.50	0.83	83	842	29	11 861	-242.2	1 022.0	1986	91 09 - ABAND 91 01
64	6.40	0.090	0.15	0.85	50	808	77	9 789	-816.7	2 094.1	1988	89 06 - GPP
32	4.00	0.110	0.20	0.65	117	784	56	10 535	167.7	1 040.9	1945	94 10 - ABAND 96 10
16	32.00	0.110	0.20	0.65	117	784	56	11 727	-35.8	1 244.3	1945	94 10 - ABAND 96 09
16	16.76	0.117	0.12	0.73	83	806	52	5 321	-115.2	1 363.4	1975	93 12 - GPP
65	2.44	0.110	0.20	0.65	117	784	56	12 902	-236.5	1 522.5	1976	82 12 - GPP
6 763	47.55	0.082	0.10	0.67	148	825	60	18 509	-971.1	2 226.2	1917	94 12 - GPP
64	28.50	0.044	0.34	0.67	146	824	66	27 055	-1 856.9	3 093.6	1981	85 12 - GPP
16	44.87	0.065	0.25	0.75	112	825	71	24 851	-1 898.3	3 175.7	1969	92 11 - ABAND 86 10
					80	811	41			1 460.0	1910	96 07 - GPP
64	2.46	0.170	0.35	0.82	80	839	36	10 390	-702.2	1 577.0	1974	77 05 - ABAND 77 05
134	4.46	0.186	0.20	0.83	51	887	42	10 317	-712.5	1 591.2	1981	94 06 - GPP
32	2.50	0.150	0.50	0.84	50	895	49	10 347	-705.2	1 568.8	1981	95 11 - ABAND 95 08
64	1.80	0.140	0.45	0.85	54	895	41	10 457	-719.3	1 620.0	1973	82 08 - ABAND 95 09
1 373	1.67	0.137	0.28	0.80	79	876	52	11 372	-705.2	1 581.4	1960	96 12 - GPP
32	3.33	0.180	0.22	0.82	53	887	59	10 689	-702.2	1 586.7	1970	96 07 - GPP
125	1.03	0.150	0.35	0.80	85	869	57	11 292	-745.8	1 630.6	1977	97 12 - GPP
64	4.00	0.150	0.25	0.82	78	886	53	11 624	-718.2	1 597.4	1980	91 01 - GPP
64	2.40	0.220	0.30	0.82	78	875	50	11 248	-739.7	1 626.7	1973	83 12 - ABAND 90 08
128	3.11	0.140	0.34	0.80	80	873	50	10 687	-701.9	1 538.2	1965	85 12 - GPP
64	1.53	0.170	0.28	0.80	79	876	52	11 815	-708.5	1 537.6	1977	97 05 - GPP
64	2.80	0.200	0.25	0.80	74	883	50	9 790	-708.8	1 585.2	1980	81 08 - GPP
64	5.00	0.180	0.30	0.80	51	887	42	11 097	-732.7	1 624.5	1982	88 11
110	2.15	0.200	0.30	0.85	66	865	61	9 641	-672.4	1 506.4	1961	97 12 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 INITIAL ESTABLISHED RESERVES ENHANCED 10^3m^3	6 INITIAL ESTABLISHED RESERVES TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
TWINING 031-24W4 (CONTINUED)								
LOWER MANNVILLE Q	209.0	0.05		10.5		10.5	4.2	6.3
LOWER MANNVILLE U	140.0	0.15		21.0		21.0	19.6	1.4
LOWER MANNVILLE V	40.0	<0.09		3.3		3.3	3.3	
LOWER MANNVILLE Z	28.3	0.10		2.8		2.8	1.5	1.3
RUNDLE E	117.0	<0.02		1.4		1.4	1.4	
RUNDLE F	91.3	<0.01		0.3		0.3	0.3	
RUNDLE G	118.0	<0.01		0.2		0.2	0.2	
RUNDLE H	160.0	<0.01		0.1		0.1	0.1	
RUNDLE I	39.5	<0.01		0.1		0.1	0.1	
RUNDLE J	40.2	<0.01		0.1		0.1	0.1	
RUNDLE M	226.0	<0.01		1.3		1.3	1.3	
LOWER MANNVILLE A & RUNDLE A	144 800.0	0.05		7 240.0		7 240.0	5 757.2	1 482.8
FIELD TOTAL	150 688.0			7 721.2	437.0	8 158.2	6 489.2	1 669.0
UTIKUMA LAKE 081-09W5								
SLAVE POINT A	197.0	0.10		19.7		19.7	11.7	8.0
SLAVE POINT B	67.1	<0.02		1.0		1.0	1.0	
SLAVE POINT C	128.0	<0.02		2.4		2.4	2.4	
SLAVE POINT D	184.0	<0.03		3.9		3.9	3.9	
SLAVE POINT E	106.0	<0.06		6.2		6.2	6.2	
SLAVE POINT F	105.0	<0.01		0.1		0.1	0.1	
SLAVE POINT G	55.5	<0.02		0.9		0.9	0.9	
SLAVE POINT H	214.0	0.20		42.8		42.8	33.3	9.5
SLAVE POINT I	73.6	0.20		14.7		14.7	6.7	8.0
SLAVE POINT J	223.0	0.05		11.2		11.2	8.1	3.1
SLAVE POINT K	177.0	<0.01		1.5		1.5	1.5	
GILWOOD D TOTAL	1 062.0			208.0	36.0	244.0	225.6	18.4
PRIMARY AREA	662.0	0.23		152.0		152.0		
WATER FLOOD AREA	400.0	<0.15	0.09	56.4	36.0	92.4		
GILWOOD E	84.3	<0.01		0.6		0.6	0.6	
GILWOOD F	60.7	0.20		12.1		12.1	2.6	9.5
KEG RIVER SAND A TOTAL	20 000.0			9 149.0	51.4	9 200.0	8 361.0	839.0
PRIMARY AREA	19 490.0	<0.47		9 046.0		9 046.0		
WATER FLOOD AREA	514.0	0.20	0.10	103.0	51.4	154.0		
KEG RIVER SAND H	185.0	0.25		46.3		46.3	42.7	3.6
KEG RIVER SAND I	995.0	0.50		498.0		498.0	385.4	112.6
KEG RIVER SAND M	1 220.0	0.30		366.0		366.0	329.5	36.5
KEG RIVER SAND N TOTAL	6 727.0			2 578.0	122.0	2 700.0	2 402.8	297.2
PRIMARY AREA	5 505.0	<0.37		2 028.0		2 028.0		
WATER FLOOD AREA	1 222.0	0.45	0.10	550.0	122.0	672.0		
KEG RIVER SAND O	220.0	<0.10		20.2		20.2	20.2	
KEG RIVER SAND P	296.0	<0.05		12.8		12.8	12.8	
KEG RIVER SAND R	247.0	0.35		86.4		86.4	76.9	9.5
KEG RIVER SAND S	365.0	0.35		128.0		128.0	88.4	39.6
KEG RIVER SAND T	459.0	0.40		184.0		184.0	163.4	20.6
KEG RIVER SAND U	1 166.0	0.30		350.0		350.0	237.5	112.5
KEG RIVER SAND V	889.0	0.30		267.0		267.0	253.7	13.3
KEG RIVER SAND AA	201.0	0.30		60.3		60.3	17.8	42.5
KEG RIVER SAND DD	342.0	0.25		85.6		85.6	57.0	28.6
KEG RIVER SAND EE	644.0	0.30		193.0		193.0	133.3	59.7
KEG RIVER SAND GG	39.5	<0.01		0.1		0.1	0.1	
KEG RIVER SAND HH	67.9	<0.03		1.4		1.4	1.4	
KEG RIVER SAND II	180.0	0.15		27.0		27.0	23.9	3.1
KEG RIVER SAND JJ	65.6	0.15		9.8		9.8	3.5	6.3
KEG RIVER SAND KK	190.0	0.25		47.5		47.5	32.4	15.1
KEG RIVER SAND MM	872.0	0.35		305.0		305.0	237.6	67.4
KEG RIVER SAND OO	31.4	<0.13		4.0		4.0	4.0	
KEG RIVER SAND QQ	220.0	0.45		99.0		99.0	68.8	30.2
KEG RIVER SAND SS	52.4	0.27		14.1		14.1	11.8	2.3
KEG RIVER SAND TT	91.9	0.20		18.4		18.4	7.4	11.0
KEG RIVER SAND UU	66.5	0.15		10.0		10.0	4.1	5.9
KEG RIVER SAND VV	38.3	<0.02		0.5		0.5	0.5	
KEG RIVER SAND WW	16.9	<0.12		1.9		1.9	1.9	
KEG RIVER SAND XX	46.6	0.40		18.6		18.6	18.1	0.5
KEG RIVER SAND YY	88.4	0.30		26.5		26.5	13.7	12.8
KEG RIVER SAND ZZ	86.4	0.20		17.3		17.3	3.0	14.3
KEG RIVER SAND AAA	453.0	0.35		159.0		159.0	37.4	121.6

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
64	5.50	0.120	0.43	0.87	47	863	62	9 679	-681.0	1 515.2	1983	90 04 - GPP
70	2.30	0.130	0.23	0.87	74	875	50	10 816	-712.9	1 587.9	1987	90 10 - GPP
32	1.38	0.150	0.27	0.83	74	875	50	10 821	-697.6	1 575.7	1987	96 07 - GPP
16	1.86	0.150	0.28	0.88	42	904	70	10 166	-689.4	1 550.5	1977	95 12 - GPP
64	6.30	0.051	0.30	0.81	78	868	61	11 752	-812.7	1 731.3	1988	95 02 - ABAND 94 11
64	5.80	0.050	0.40	0.82	72	869	59	12 067	-837.3	1 753.1	1978	79 05
64	6.10	0.060	0.38	0.81	78	868	61	12 150	-853.6	1 767.5	1988	88 10 - ABAND 88 10
64	7.10	0.070	0.38	0.81	78	868	61	12 064	-854.8	1 755.9	1989	89 12 - ABAND 89 09
16	7.50	0.070	0.42	0.81	78	868	61	12 875	-835.1	1 734.0	1990	96 07
16	13.10	0.060	0.61	0.82	66	876	61	12 697	-858.2	1 780.7	1991	94 02 - ABAND 93 10
65	13.11	0.065	0.49	0.80	76	849	60	11 569	-855.5	1 837.3	1975	77 12 - GPP
31 053	12.56	0.063	0.29	0.83	66	876	61	11 275	-766.9	1 660.3	1952	87 07 - GPP
64	6.50	0.080	0.35	0.91	28	843	49	12 603	-972.2	1 639.0	1982	86 12 - GPP
64	2.40	0.080	0.40	0.91	27	843	50	14 358	-965.7	1 632.6	1983	89 12 - ABAND 88 09
64	6.10	0.060	0.40	0.91	28	843	48	12 580	-969.2	1 631.9	1983	92 10 - ABAND 96 03
64	7.60	0.064	0.35	0.91	28	843	49	15 128	-970.7	1 635.9	1983	96 05 - ABAND 96 03
64	4.00	0.070	0.35	0.91	27	840	51	16 792	-979.7	1 646.6	1984	96 07 - GPP
64	4.50	0.080	0.50	0.91	27	848	51	17 004	-985.9	1 672.9	1984	89 12 - ABAND 90 10
32	4.00	0.070	0.32	0.91	27	848	51	16 682	-987.8	1 680.5	1984	91 10 - ABAND 88 09
64	9.30	0.060	0.31	0.87	46	840	43	16 235	-950.1	1 646.6	1984	97 12 - GPP
64	4.20	0.050	0.34	0.83	67	837	43	15 826	-965.2	1 642.8	1983	84 11 - GPP
64	6.00	0.115	0.42	0.87	45	849	45	16 039	-891.0	1 545.5	1984	92 07 - GPP
64	5.85	0.080	0.35	0.91	28	843	49	15 694	-885.7	1 468.5	1975	96 12 - ABAND 84 09
865					71	819	49	17 641	-1 065.4	1 725.2	1966	94 12 - GPP
609	1.46	0.130	0.31	0.83								
256	2.73	0.106	0.35	0.83								
64	1.24	0.160	0.20	0.83	62	830	48	14 056	-1 042.5	1 692.9	1977	92 10
16	3.30	0.180	0.23	0.83	59	813	51	13 613	-1 084.1	1 747.6	1996	97 10 - GPP
4 398					65	820	49	18 270	-1 080.5	1 725.9	1963	93 05
4 264	3.41	0.190	0.15	0.83								
134	3.63	0.175	0.29	0.85								- GPP
32	5.30	0.180	0.29	0.85	65	825	49	15 395	-1 085.0	1 742.1	1977	96 12 - GPP
150	6.13	0.190	0.33	0.85	65	820	49	15 087	-1 098.9	1 745.5	1977	97 12
383	2.90	0.190	0.32	0.85	65	825	52	17 518	-1 072.5	1 729.2	1973	96 07
914					65	820	49	15 446	-1 091.4	1 737.1	1976	97 12
664	6.04	0.190	0.15	0.85								
250	4.83	0.170	0.30	0.85								- GPP
64	3.50	0.175	0.34	0.85	65	810	49	15 390	-1 083.7	1 754.8	1979	96 07 - ABAND 95 03
64	5.29	0.145	0.29	0.85	65	824	48	16 693	-1 073.3	1 729.9	1979	94 11 - GPP
100	2.20	0.186	0.29	0.85	65	825	43	14 049	-1 091.9	1 740.3	1979	93 12
128	2.74	0.180	0.32	0.85	59	820	45	15 012	-1 058.9	1 715.2	1980	82 05 - GPP
64	7.09	0.170	0.30	0.85	65	836	49	13 753	-1 098.2	1 739.2	1981	95 12 - GPP
244	4.66	0.180	0.33	0.85	58	827	50	16 013	-1 075.1	1 740.6	1980	94 12
313	2.73	0.180	0.32	0.85	65	825	49	16 429	-1 071.1	1 735.6	1979	92 07 - GPP
128	1.52	0.190	0.36	0.85	57	820	44	12 733	-1 097.2	1 746.7	1983	95 12 - GPP
64	4.32	0.230	0.36	0.84	78	822	50	12 558	-1 070.0	1 732.3	1988	89 10
262	2.50	0.180	0.35	0.84	67	830	41	17 185	-1 053.4	1 731.5	1978	92 03
64	1.20	0.110	0.45	0.85	65	844	52	12 760	-1 101.7	1 744.2	1984	85 05 - ABAND 85 11
64	3.20	0.060	0.35	0.85	55	825	45	15 348	-1 078.5	1 744.5	1980	83 09 - ABAND 87 11
64	3.30	0.152	0.30	0.80	78	824	50	16 785	-1 045.1	1 743.5	1988	95 12 - GPP
16	4.40	0.168	0.34	0.84	65	822	49	11 435	-1 111.4	1 774.3	1988	96 12
64	3.90	0.180	0.47	0.80	78	845	50	13 194	-1 081.1	1 730.8	1987	88 11 - GPP
256	3.12	0.200	0.35	0.84	78	824	50	14 173	-1 069.9	1 730.3	1983	95 09
32	1.50	0.140	0.40	0.78	78	824	50	15 435	-1 075.3	1 740.7	1991	96 07 - GPP
45	3.84	0.220	0.32	0.85	65	800	49	15 394	-1 084.4	1 727.9	1983	93 10
64	1.30	0.150	0.50	0.84	65	822	49	11 043	-1 071.6	1 717.7	1993	97 12 - GPP
32	4.00	0.150	0.43	0.84	65	822	49	11 171	-1 076.3	1 733.7	1993	94 10 - GPP
32	3.30	0.150	0.50	0.84	65	822	49	14 029	-1 072.6	1 746.4	1993	94 08 - GPP
16	3.80	0.150	0.50	0.84	65	822	49	15 420	-1 073.7	1 757.4	1993	96 07 - GPP
16	0.90	0.190	0.23	0.80	78	824	50	11 163	-1 079.6	1 734.2	1993	96 07 - GPP
16	3.10	0.170	0.35	0.85	58	780	50	15 327	-1 070.1	1 730.1	1982	95 01 - GPP
35	2.37	0.190	0.34	0.85	58	780	50	11 191	-1 075.7	1 737.0	1993	95 03
32	2.80	0.180	0.33	0.80	76	825	56	14 953	-1 080.5	1 749.0	1995	97 03 - GPP
54	5.90	0.220	0.24	0.85	58	780	50	9 427	-1 064.0	1 721.0	1995	95 12

TABLE 2-6

FIELD POOL	1	2	3	4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
UTIKUMA LAKE 081-09W5 (CONTINUED)								
KEG RIVER SAND BBB	375.0	0.20		75.0		75.0	46.4	28.6
KEG RIVER SAND CCC	39.1	0.25		9.8		9.8	6.5	3.3
KEG RIVER SAND DDD	140.0	0.30		42.0		42.0	6.4	35.6
KEG RIVER SAND EEE	140.0	0.40		56.0		56.0	34.0	22.0
KEG RIVER SAND GGG	13.4	0.25		3.4		3.4	0.4	3.0
FIELD TOTAL	40 007.5			15 296.0	209.4	15 505.0	13 450.3	2 054.7
VALHALLA 075-10W6								
DOE CREEK I TOTAL	41 980.0			3 057.0	5 792.0	8 849.0	6 267.9	2 581.1
PRIMARY AREA	18 020.0	<0.05		900.0		900.0		
WATER FLOOD AREA	23 960.0	<0.10	0.24	2 157.0	5 792.0	7 949.0		
DOE CREEK K	336.0	0.10		33.6		33.6	25.5	8.1
DOE CREEK L	814.0	0.05		40.7		40.7	38.5	2.2
DOE CREEK M	618.0	0.10		61.8		61.8	28.4	33.4
DOE CREEK N	64.4	0.20		12.9		12.9	9.8	3.1
DOE CREEK O	144.0	0.10		14.4		14.4	2.9	11.5
DOE CREEK V WATER FLOOD	2 499.0	0.20	0.10	500.0	250.0	750.0	517.7	232.3
DOE CREEK Y	288.0	0.15		43.2		43.2	31.2	12.0
DOE CREEK AA	338.0	0.02		6.8		6.8	0.1	6.7
DOE CREEK EE	114.0	0.10		11.4		11.4	0.5	10.9
DOE CREEK T,U & BB TOTAL	4 370.0			297.0	525.0	822.0	443.3	378.7
PRIMARY AREA	869.0	0.10		86.9		86.9		
WATER FLOOD AREA	3 501.0	0.06	0.15	210.0	525.0	735.0		
BLUESKY N	148.0	0.18		26.6		26.6	13.4	13.2
GETHING C	68.6	<0.02		0.9		0.9	0.9	
CHARLIE LAKE C	44.7	0.25		11.2		11.2	8.8	2.4
CHARLIE LAKE D	103.0	<0.07		6.8		6.8	6.8	
CHARLIE LAKE H	3 076.0	0.07		215.0		215.0	193.2	21.8
CHARLIE LAKE I	322.0	0.10		32.2		32.2	15.9	16.3
CHARLIE LAKE J	138.0	<0.06		7.4		7.4	7.4	
CHARLIE LAKE K	94.5	0.22		20.8		20.8	20.1	0.7
CHARLIE LAKE L	120.0	0.15		18.0		18.0	8.3	9.7
CHARLIE LAKE M	326.0	0.05		16.3		16.3	10.9	5.4
CHARLIE LAKE O	99.6	0.15		14.9		14.9	7.9	7.0
CHARLIE LAKE P	153.0	<0.01		0.9		0.9	0.9	
CHARLIE LAKE Q	50.3	<0.01		0.3		0.3	0.3	
BOUNDARY B	2 170.0	0.10		217.0		217.0	160.7	56.3
BOUNDARY D	557.0	0.20		111.0		111.0	103.0	8.0
BOUNDARY F	83.5	<0.02		1.2		1.2	1.2	
BOUNDARY H	377.0	0.10		37.7		37.7	33.4	4.3
BOUNDARY I	415.0	0.20		83.0		83.0	72.0	11.0
BOUNDARY J	138.0	0.15		20.7		20.7	13.0	7.7
BOUNDARY K	8.6	<0.05		0.4		0.4	0.4	
BOUNDARY L	41.7	<0.06		2.4		2.4	2.4	
BOUNDARY M TOTAL	1 100.0			194.0	127.0	321.0	193.7	127.3
PRIMARY AREA	254.0	0.10		25.4		25.4		
WATER FLOOD AREA	846.0	0.20	0.15	169.0	127.0	296.0		
BOUNDARY O	36.8	<0.02		0.4		0.4	0.4	
BOUNDARY P	76.7	0.15		11.5		11.5	8.3	3.2
BOUNDARY Q	155.0	0.15		23.3		23.3	9.9	13.4
BOUNDARY R	121.0	0.10		12.1		12.1	4.6	7.5
BOUNDARY A & CHARLIE LAKE A	528.0	0.15		79.2		79.2	44.5	34.7
HALFWAY C	1 899.0	0.25		475.0		475.0	388.9	86.1
HALFWAY E	35.4	<0.08		2.6		2.6	2.6	
HALFWAY H	41.5	0.20		8.3		8.3	7.5	0.8
HALFWAY J	1 296.0	0.15		194.0		194.0	69.2	124.8
HALFWAY L	230.0	0.10		23.0		23.0	7.5	15.5
DOIG B	1 014.0	0.10		101.0		101.0	67.4	33.6
DOIG D	2 102.0	0.10		210.0		210.0	48.4	161.6
DOIG E	143.0	0.10		14.3		14.3	11.0	3.3
DOIG F	1 408.0	0.10		141.0		141.0	42.8	98.2
DOIG G	110.0	0.10		11.0		11.0	2.9	8.1
DOIG H	565.0	0.10		56.5		56.5	25.4	31.1
DOIG I	163.0	<0.10		15.2		15.2	15.2	
MONTNEY A	460.0	0.15		69.0		69.0	26.0	43.0
MONTNEY B	4 174.0	0.15		626.0		626.0	134.8	491.2
MONTNEY C	6 124.0	0.20		1 225.0		1 225.0	281.9	943.1

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
111	2.51	0.210	0.20	0.80	54	828	71	15 486	-1 096.7	1 742.4	1995	97 04 - GPP
32	1.50	0.170	0.43	0.84	65	822	49	10 292	-1 075.0	1 731.1	1995	97 12
32	5.00	0.190	0.46	0.85	80	830	47	12 563	-1 070.6	1 732.2	1996	97 03 - GPP
88	1.24	0.200	0.20	0.80	40	825	71	8 641	-1 096.7	1 747.5	1996	97 04 - GPP
16	0.70	0.210	0.32	0.84	65	823	49		-1 069.5	1 740.5	1996	97 07 - GPP
13 640					19	858	29	3 240	141.2	698.7	1977	96 06
8 090	2.06	0.230	0.50	0.94								
5 550	3.68	0.240	0.48	0.94								
128	2.15	0.240	0.44	0.91	22	845	28	3 948	117.0	722.0	1984	87 03 - GPP
332	2.21	0.200	0.37	0.88	49	840	24	5 232	116.4	709.1	1978	91 01
382	1.40	0.190	0.36	0.95	18	834	24	4 734	233.1	643.5	1985	94 03 - GPP
64	1.00	0.176	0.35	0.88	43	840	27	4 575	212.2	571.9	1983	97 12 - GPP
64	2.10	0.200	0.43	0.94	22	840	29	4 131	196.0	717.5	1987	88 04 - GPP
506	2.71	0.250	0.19	0.90	28	807	30	4 170	200.8	691.8	1992	95 04 - GPP
106	1.73	0.230	0.24	0.90	28	807	30	3 933	196.2	698.7	1989	95 08
64	3.60	0.240	0.32	0.90	28	807	30	3 183	234.6	581.6	1994	95 03 - GPP
64	2.00	0.170	0.45	0.95	22	799	28		150.0	718.3	1996	97 10 - GPP
1 059					22	841	29	4 489	180.9	692.8	1990	96 09 - GPP
256	2.38	0.220	0.31	0.94								
803	3.41	0.200	0.32	0.94								
32	4.70	0.170	0.39	0.95	60	906	50	11 028	-677.8	1 568.9	1994	97 12 - GPP
64	2.00	0.130	0.45	0.75	100	847	60	14 192	-864.4	1 642.8	1983	86 02 - ABAND 88 01
80	0.80	0.120	0.18	0.71	125	836	58	19 037	-1 208.7	2 004.1	1984	97 12 - GPP
64	2.00	0.120	0.14	0.78	80	817	64	19 093	-1 027.1	1 958.2	1984	96 07 - GPP
1 420	3.16	0.106	0.16	0.77	100	800	73	17 670	-1 189.3	1 979.7	1984	94 12
64	3.70	0.200	0.15	0.80	70	836	75	18 182	-1 247.8	2 009.2	1982	86 02 - GPP
64	2.00	0.180	0.20	0.75	100	840	68	18 981	-1 226.5	2 103.8	1986	96 07 - GPP
80	1.60	0.120	0.18	0.75	100	865	60	18 259	-1 096.7	1 912.8	1984	96 12 - GPP
64	3.50	0.093	0.28	0.80	100	829	73	19 760	-1 118.8	1 950.5	1986	87 02 - GPP
64	4.40	0.165	0.10	0.78	145	839	73	19 286	-1 267.1	2 020.2	1986	96 08 - GPP
64	1.30	0.170	0.12	0.80	165	832	69	17 942	-1 072.0	1 912.9	1988	89 05 - GPP
64	3.50	0.150	0.41	0.77	100	829	73	19 156	-1 035.9	1 897.6	1988	95 03 - ABAND 93 12
32	3.00	0.100	0.32	0.77	100	829	73	19 125	-1 032.3	1 900.7	1993	96 03 - ABAND 94 02
1 070	1.81	0.180	0.17	0.75	164	821	73	19 839	-1 192.0	2 023.4	1972	87 12
448	1.82	0.110	0.15	0.73	150	816	80	18 605	-1 116.3	1 962.4	1983	95 12
64	2.30	0.090	0.10	0.70	125	820	73	17 074	-1 207.8	1 976.2	1983	89 12 - ABAND 95 01
320	1.13	0.175	0.11	0.67	164	812	73	19 169	-1 098.0	1 983.3	1985	89 12 - GPP
384	1.48	0.125	0.13	0.67	164	840	73	20 025	-1 096.4	1 919.4	1985	97 12 - GPP
128	2.24	0.112	0.36	0.67	164	820	73	18 364	-1 271.7	2 081.2	1979	88 12 - GPP
16	1.00	0.120	0.33	0.67	164	812	73	17 561	-1 259.3	2 152.5	1985	96 07 - GPP
64	1.10	0.100	0.20	0.74	123	814	71	18 716	-1 099.8	1 877.7	1989	96 07 - GPP
539					117	813	66	17 353	-1 042.6	1 888.5	1991	95 03
171	2.39	0.099	0.15	0.74								
368	2.51	0.144	0.14	0.74								- GPP
64	0.85	0.110	0.17	0.74	117	813	66	17 554	-1 072.2	1 966.1	1984	95 03 - GPP
64	2.00	0.100	0.19	0.74	117	813	66	13 102	-1 059.5	1 937.0	1979	95 03 - GPP
64	2.11	0.180	0.14	0.74	117	813	66	16 450	-1 051.6	1 895.0	1991	95 03 - GPP
64	2.90	0.100	0.12	0.74	117	821	66	16 900	-1 064.1	1 960.4	1994	95 05 - GPP
180	3.65	0.136	0.19	0.73	149	835	72	17 574	-1 175.6	1 989.8	1981	90 03
692	4.49	0.140	0.26	0.59	145	785	73	19 719	-1 142.1	1 956.8	1980	92 08
32	1.20	0.150	0.11	0.69	160	823	78	20 810	-1 173.9	1 960.6	1989	96 07 - GPP
64	1.20	0.120	0.25	0.60	187	808	71	19 431	-1 232.1	1 989.4	1991	93 01
484	4.89	0.090	0.21	0.77	116	816	72	17 859	-1 174.3	2 041.1	1993	96 09 - GPP
91	4.51	0.090	0.17	0.75	116	816	72	15 183	-1 178.4	2 061.4	1992	96 04 - GPP
192	19.46	0.078	0.13	0.40	416	816	73	20 602	-1 281.4	2 020.2	1984	88 04 - GPP
329	12.82	0.070	0.11	0.80	249	809	67	21 954	-1 321.5	2 055.5	1988	97 12
16	16.60	0.080	0.16	0.80	248	814	73	22 593	-1 303.1	2 030.1	1988	96 12 - GPP
332	9.20	0.080	0.14	0.67	162	802	76	21 581	-1 242.7	2 012.7	1993	95 01 - GPP
32	6.50	0.090	0.12	0.67	162	802	76	22 062	-1 272.7	2 023.3	1994	95 12 - GPP
32	28.20	0.090	0.13	0.80	249	809	67		-1 317.5	2 045.0	1989	97 12
16	18.98	0.080	0.16	0.80	249	809	67		-1 307.3	2 034.2	1988	97 12
128	6.32	0.090	0.11	0.71	230	829	84	24 059	-1 336.7	2 181.6	1992	92 07
705	10.47	0.120	0.38	0.76	140	860	78	19 190	-1 418.2	2 263.6	1993	95 10
1 706	4.60	0.130	0.13	0.69	136	831	74	18 933	-1 369.1	2 205.4	1993	97 06

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
VALHALLA 075-10W6 (CONTINUED)								
MONTNEY F	163.0	0.10		16.3		16.3	0.8	15.5
MONTNEY G	498.0	0.15		74.7		74.7	11.9	62.8
MONTNEY H	302.0	0.10		30.2		30.2	3.6	26.6
MONTNEY I & O	724.0	0.15		109.0		109.0	1.7	107.3
FIELD TOTAL	83 569.3			8 646.1	6 694.0	15 340.1	9 457.6	5 882.5
VAUXHALL 012-17W4								
UPPER MANNVILLE B	85.3	<0.02		1.7		1.7	1.7	
UPPER MANNVILLE E	151.0	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE F	149.0	0.05		7.5		7.5	1.6	5.9
UPPER MANNVILLE G	1 629.0	0.15		244.0		244.0	105.9	138.1
LOWER MANNVILLE A	57.8	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE C	157.0	0.15		23.6		23.6	10.1	13.5
FIELD TOTAL *	2 229.1			277.0		277.0	119.5	157.5
VEGA 061-03W5								
VIKING B	138.0	<0.01		0.2		0.2	0.2	
VIKING C	109.0	<0.01		0.5		0.5	0.5	
FIELD TOTAL	247.0			0.7		0.7	0.7	
VERGER 021-14W4								
MANNVILLE J	31.9	0.05		1.6		1.6	0.2	1.4
UPPER MANNVILLE F	182.0	0.10		18.2		18.2	9.1	9.1
UPPER MANNVILLE N	56.6	0.10		5.7		5.7	0.7	5.0
ARCS A	139.0	0.15		20.9		20.9	8.7	12.2
FIELD TOTAL *	409.5			46.4		46.4	18.7	27.7
VIRGINIA HILLS 065-13W5								
GETHING A	132.0	<0.08		9.6		9.6	9.6	
BELLOY A WATER FLOOD	13 000.0	0.23	0.27	2 990.0	3 510.0	6 500.0	6 010.7	489.3
BEAVERHILL LAKE TOTAL	76 910.0			16 520.0	12 600.0	29 120.0	25 325.9	3 794.1
PRIMARY AREA	2 639.0	0.25		660.0		660.0		
SOLVENT FLOOD AREA	35 340.0	0.23	0.22	8 128.0	7 775.0	15 900.0		
WATER FLOOD AREA	38 930.0	<0.20	0.12	7 733.0	4 827.0	12 560.0		
BEAVERHILL LAKE B	30.4	<0.01		0.1		0.1	0.1	
BEAVERHILL LAKE C	53.1	<0.07		3.7		3.7	3.7	
BEAVERHILL LAKE D	119.0	0.15		17.9		17.9	6.2	11.7
FIELD TOTAL	90 244.5			19 541.3	16 110.0	35 651.3	31 356.2	4 295.1
VIRGO 115-06W6								
SULPHUR POINT E	35.0	<0.02		0.6		0.6	0.6	
SULPHUR POINT A & KEG RIVER MM	249.0	<0.42		102.3		102.3	102.3	
MUSKEG A	334.0	<0.20		63.8		63.8	63.8	
MUSKEG B	117.0	0.25		29.3		29.3	24.1	5.2
MUSKEG C	160.0	<0.21		33.1		33.1	33.1	
MUSKEG E	59.0	<0.20		11.6		11.6	11.6	
MUSKEG G WATER FLOOD	228.0	0.15	0.10	34.2	22.8	57.0	44.6	12.4
MUSKEG I	207.0	0.20		41.4		41.4	41.4	
MUSKEG J	175.0	<0.13		21.5		21.5	21.5	
MUSKEG K	109.0	<0.01		0.9		0.9	0.9	
MUSKEG L	159.0	<0.08		11.8		11.8	11.8	
MUSKEG M	42.6	<0.10		4.1		4.1	4.1	
MUSKEG O	397.0	0.20		79.4		79.4	64.4	15.0
MUSKEG Q	236.0	<0.02		4.3		4.3	4.3	
MUSKEG R	150.0	<0.04		5.0		5.0	5.0	
MUSKEG S	36.0	<0.02		0.5		0.5	0.5	
MUSKEG T	34.9	<0.02		0.5		0.5	0.5	
MUSKEG U	43.6	0.03		1.3		1.3	1.3	
MUSKEG V	73.7	<0.02		0.8		0.8	0.8	
MUSKEG W	542.0	0.10		54.2		54.2	54.2	
MUSKEG D & KEG RIVER L	428.0	<0.18		76.5		76.5	76.5	

* LIGHT-MEDIUM CRUDE OIL POOLS

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
32	14.00	0.100	0.55	0.81	64	820	79	18 460	-1 412.3	2 195.5	1994	95 07
128	7.04	0.090	0.11	0.69	136	831	74	21 691	-1 330.0	2 152.1	1994	96 05
64	5.50	0.130	0.12	0.75	140	860	78	17 739	-1 300.2	2 157.3	1994	95 11
192	6.59	0.100	0.12	0.65	189	812	45		-1 377.0	2 226.2	1995	97 05
16	3.80	0.240	0.32	0.86	68	909	31	11 157	-226.5	1 068.4	1979	96 07
32	5.00	0.180	0.41	0.89	57	835	30	11 200	-231.9	1 053.8	1990	95 10 - ABAND 94 05
64	3.00	0.180	0.55	0.96	18	886	34	11 111	-220.7	1 049.6	1979	91 04
178	4.60	0.260	0.14	0.89	57	835	30	10 466	-238.2	1 083.0	1995	96 04 - GPP
64	1.00	0.150	0.30	0.86	64	895	30	11 169	-227.8	1 027.9	1980	83 01 - ABAND 83 09
32	4.31	0.183	0.31	0.90	38	893	32	9 694	-224.2	1 022.5	1995	95 10 - GPP
64	2.00	0.210	0.41	0.87	57	849	32	5 233	-171.6	833.0	1980	85 12 - GPP
64	1.50	0.190	0.31	0.87	58	846	30	5 128	-160.8	810.0	1980	82 03 - GPP
16	2.90	0.160	0.50	0.86	66	881	32	10 881	-374.4	1 119.1	1995	96 09 - GPP
64	4.20	0.140	0.45	0.88	47	861	35	9 407	-338.5	1 073.2	1982	82 12 - GPP
16	5.58	0.160	0.55	0.88	56	881	35	10 876	-273.0	1 022.5	1995	97 02
32	3.80	0.200	0.35	0.88	120	869	41	12 191	-618.7	1 351.3	1991	92 09 - GPP
64	2.00	0.170	0.23	0.79	100	852	64	12 433	-618.7	1 691.0	1983	96 07
1 910	6.25	0.180	0.28	0.84	52	866	70	13 481	-776.6	1 841.4	1961	94 12 - GPP
13 101					88	834	102	25 378	-1 695.7	2 808.4	1957	97 03
2 176	3.00	0.070	0.25	0.77								
3 136	19.59	0.090	0.17	0.77								- GPP
7 789	8.69	0.090	0.17	0.77								- GPP
64	1.62	0.073	0.45	0.73	97	852	99	24 173	-1 711.9	2 752.8	1983	88 12 - ABAND 84 07
32	4.80	0.070	0.35	0.76	80	847	103	24 146	-1 707.9	2 855.2	1983	96 07 - GPP
64	7.81	0.052	0.40	0.76	76	837	105	24 131	-1 705.7	2 975.0	1987	91 05 - GPP
16	4.90	0.070	0.25	0.85	62	860	50	13 733	-1 035.0	1 372.4	1977	84 05 - ABAND 89 02
9	54.73	0.070	0.17	0.87	35	865	68	14 513	-1 114.9	1 467.9	1968	94 11 - GPP
19	20.40	0.130	0.15	0.78	85	839	74	15 231	-1 171.1	1 515.5	1968	94 09 - ABAND 94 06
17	23.00	0.050	0.20	0.75	74	849	71	14 428	-1 126.2	1 479.5	1968	97 07 - GPP
8	32.63	0.080	0.11	0.86	45	865	76	14 849	-1 146.4	1 496.0	1968	90 03 - ABAND 91 03
4	19.05	0.100	0.10	0.86	46	870	71	14 294	-1 122.1	1 472.0	1969	80 12 - GPP
17	18.82	0.090	0.10	0.88	39	881	67	13 995	-1 134.3	1 480.8	1969	90 07 - GPP
16	43.70	0.050	0.20	0.74	88	829	72	14 747	-1 193.0	1 541.1	1970	96 07 - GPP
49	12.71	0.046	0.30	0.88	35	881	65	13 391	-1 086.1	1 439.7	1971	94 06 - ABAND 93 04
16	20.12	0.051	0.17	0.80	80	849	71	14 593	-1 165.2	1 500.5	1971	73 02 - ABAND 90 01
13	17.98	0.089	0.11	0.86	53	870	70	12 039	-1 139.5	1 481.5	1971	73 12 - ABAND 89 03
16	12.50	0.040	0.35	0.82	106	834	73	12 677	-1 130.4	1 486.4	1973	83 12 - ABAND 88 12
64	16.35	0.060	0.19	0.78	89	850	71	17 010	-1 158.2	1 501.9	1969	92 02 - GPP
16	27.90	0.080	0.25	0.88	39	882	67	13 423	-1 137.3	1 488.1	1983	92 11 - GPP
16	11.00	0.120	0.11	0.80	45	824	62	14 588	-1 182.8	1 546.5	1983	85 12
16	5.80	0.060	0.24	0.85	54	876	58	14 461	-1 108.2	1 461.3	1983	87 09 - ABAND 89 04
16	5.00	0.062	0.11	0.79	89	860	69	14 415	-1 141.0	1 492.6	1985	88 12 - ABAND 85 12
16	12.30	0.042	0.38	0.85	45	852	76	15 274	-1 199.1	1 546.0	1981	89 12 - ABAND 97 03
16	7.90	0.080	0.10	0.81	74	847	71	14 726	-1 230.5	1 587.1	1972	96 07 - GPP
44	23.00	0.070	0.10	0.85	45	851	76	14 597	-1 109.6	1 464.7	1993	94 12 - GPP
49	16.70	0.076	0.17	0.83	75	829	62	15 848	-1 233.0	1 596.5	1968	96 07 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 INITIAL ESTABLISHED RESERVES ENHANCED 10^3m^3	6 INITIAL ESTABLISHED RESERVES TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
VIRGO 115-06W6 (CONTINUED)								
MUSKEG P & KEG RIVER R3R	46.2	0.10		4.6		4.6	2.5	2.1
KEG RIVER B WATER FLOOD	397.0	0.32	0.01	127.0	4.0	131.0	127.2	3.8
KEG RIVER C	139.0	0.42		58.4		58.4	57.3	1.1
KEG RIVER D WATER FLOOD	446.0	0.15	0.13	66.9	58.0	125.0	119.2	5.8
KEG RIVER E WATER FLOOD	620.0	0.30	0.06	186.0	37.2	223.0	217.9	5.1
KEG RIVER F	159.0	0.20		31.8		31.8	25.2	6.6
KEG RIVER G	461.0	0.20		92.2		92.2	75.5	16.7
KEG RIVER H	636.0	<0.21		132.9		132.9	132.9	
KEG RIVER I WATER FLOOD	359.0	0.35	0.05	126.0	18.0	144.0	130.4	13.6
KEG RIVER J	159.0	0.40		63.6		63.6	63.5	0.1
KEG RIVER K	221.0	0.52		115.0		115.0	112.3	2.7
KEG RIVER M	130.0	<0.23		29.2		29.2	29.2	
KEG RIVER N	159.0	<0.26		40.9		40.9	40.9	
KEG RIVER O WATER FLOOD	159.0	0.38	0.06	60.4	9.5	69.9	49.4	20.5
KEG RIVER P WATER FLOOD	350.0	<0.05	0.05	17.1	18.9	36.0	34.8	1.2
KEG RIVER Q	477.0	<0.13		61.0		61.0	61.0	
KEG RIVER R WATER FLOOD	355.0	0.35	0.05	124.0	17.8	142.0	139.6	2.4
KEG RIVER S WATER FLOOD	270.0	0.25	0.05	67.5	13.5	81.0	75.8	5.2
KEG RIVER T	524.0	<0.11		53.4		53.4	53.4	
KEG RIVER U	390.0	0.15		58.5		58.5	46.4	12.1
KEG RIVER V	195.0	<0.31		59.8		59.8	59.8	
KEG RIVER W	715.0	0.25		179.0		179.0	169.7	9.3
KEG RIVER X	251.0	0.14		35.1		35.1	27.2	7.9
KEG RIVER Y	364.0	0.40		146.0		146.0	132.3	13.7
KEG RIVER Z WATER FLOOD	354.0	0.39	0.09	138.0	31.9	170.0	168.0	2.0
KEG RIVER AA	570.0	0.18		103.0		103.0	102.1	0.9
KEG RIVER BB	192.0	0.40		76.8		76.8	66.7	10.1
KEG RIVER CC	30.7	<0.24		7.1		7.1	7.1	
KEG RIVER DD WATER FLOOD	110.0	0.30	0.13	33.0	14.3	47.3	43.2	4.1
KEG RIVER EE	127.0	<0.23		28.8		28.8	28.8	
KEG RIVER FF	636.0	<0.05		30.7		30.7	30.7	
KEG RIVER GG	636.0	<0.09		53.8		53.8	53.8	
KEG RIVER HH	284.0	0.28		79.5		79.5	74.5	5.0
KEG RIVER II	366.0	<0.06		19.9		19.9	19.9	
KEG RIVER JJ	556.0	0.30		167.0		167.0	151.4	15.6
KEG RIVER KK	311.0	0.15		46.7		46.7	33.0	13.7
KEG RIVER LL	92.0	<0.12		11.0		11.0	11.0	
KEG RIVER NN	159.0	<0.38		59.3		59.3	59.3	
KEG RIVER OO	159.0	<0.11		16.2		16.2	16.2	
KEG RIVER PP	47.2	<0.06		2.8		2.8	2.8	
KEG RIVER QQ	212.0	0.25		53.0		53.0	43.5	9.5
KEG RIVER RR	1 274.0	<0.08		90.4		90.4	90.4	
KEG RIVER SS	195.0	0.25		48.8		48.8	39.5	9.3
KEG RIVER TT	193.0	<0.12		23.1		23.1	23.1	
KEG RIVER UU	152.0	0.15		22.8		22.8	17.3	5.5
KEG RIVER VV	560.0	0.35		196.0		196.0	192.2	3.8
KEG RIVER WW WATER FLOOD	300.0	0.30	0.07	90.0	21.0	111.0	103.2	7.8
KEG RIVER XX	578.0	0.20		116.0		116.0	61.6	54.4
KEG RIVER YY	200.0	0.40		80.0		80.0	59.3	20.7
KEG RIVER ZZ	238.0	0.40		95.2		95.2	88.5	6.7
KEG RIVER AAA WATER FLOOD	230.0	0.35	0.14	80.5	32.2	113.0	112.5	0.5
KEG RIVER BBB	440.0	<0.19		79.9		79.9	79.9	
KEG RIVER CCC TOTAL	250.0			4.0	21.3	25.3	25.3	
PRIMARY AREA	125.0	<0.02		1.4		1.4		
WATER FLOOD AREA	125.0	<0.03	0.17	2.6	21.3	23.9		
KEG RIVER DDD	191.0	0.07		13.4		13.4	13.4	
KEG RIVER EEE	196.0	<0.12		22.6		22.6	22.6	
KEG RIVER FFF	72.2	<0.01		0.3		0.3	0.3	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
16	7.00	0.080	0.40	0.86	34	794	82	13 927	-1 276.0	1 647.5	1981	97 07
14	38.93	0.094	0.11	0.87	43	849	71	14 735	-1 124.4	1 466.7	1968	92 12 - GPP
8	33.79	0.068	0.16	0.90	32	876	64	14 626	-1 113.1	1 460.6	1968	93 12 - GPP
20	31.34	0.093	0.10	0.85	48	860	73	15 090	-1 142.6	1 497.2	1968	93 10 - GPP
13	68.75	0.094	0.10	0.82	75	849	68	15 280	-1 157.0	1 513.0	1967	93 12 - GPP
5	38.53	0.130	0.08	0.69	143	876	76	15 154	-1 155.0	1 521.0	1968	97 12 - GPP
10	89.09	0.077	0.16	0.80	74	839	76	15 955	-1 206.8	1 567.7	1968	83 12 - GPP
13	70.46	0.093	0.10	0.83	65	876	77	15 417	-1 149.1	1 499.0	1968	96 07 - GPP
12	44.50	0.090	0.10	0.83	78	849	71	15 072	-1 154.2	1 495.0	1968	92 12 - GPP
11	36.45	0.053	0.14	0.87	50	865	68	14 562	-1 112.2	1 462.1	1968	93 12 - GPP
8	56.81	0.065	0.12	0.85	45	855	70	15 092	-1 152.0	1 499.2	1968	88 12 - GPP
9	35.00	0.070	0.18	0.72	121	815	78	15 143	-1 173.2	1 541.4	1968	96 07
6	47.40	0.073	0.12	0.87	50	865	68	14 652	-1 131.0	1 474.8	1968	96 07 - GPP
6	52.50	0.066	0.12	0.87	43	865	61	14 479	-1 128.0	1 467.0	1968	86 05 - GPP
8	74.75	0.081	0.14	0.84	45	860	76	15 048	-1 157.7	1 503.6	1968	97 12 - GPP
15	62.00	0.071	0.14	0.84	58	855	72	14 557	-1 172.0	1 529.8	1968	96 07 - GPP
9	54.11	0.100	0.10	0.81	80	876	63	15 561	-1 221.3	1 564.5	1968	90 12 - GPP
6	79.20	0.077	0.10	0.82	60	855	71	12 442	-1 100.8	1 462.5	1968	82 12 - GPP
22	42.70	0.080	0.15	0.82	69	849	71	14 484	-1 134.6	1 494.6	1968	89 12 - ABAND 88 07
19	30.75	0.100	0.11	0.75	107	829	71	15 568	-1 198.7	1 551.7	1968	94 12 - GPP
7	37.50	0.110	0.10	0.75	101	839	72	15 268	-1 180.0	1 527.5	1968	96 07 - GPP
11	72.59	0.120	0.09	0.82	68	849	71	15 374	-1 165.9	1 515.8	1968	95 04
6	66.45	0.093	0.12	0.77	96	839	72	15 490	-1 189.0	1 538.0	1968	96 08
23	35.66	0.060	0.15	0.87	47	849	69	14 825	-1 140.1	1 477.8	1968	94 12 - GPP
11	52.50	0.084	0.10	0.81	75	860	64	14 868	-1 148.5	1 489.6	1968	88 12 - GPP
25	47.24	0.073	0.24	0.87	45	849	72	14 743	-1 150.0	1 486.8	1968	86 12 - GPP
10	43.30	0.060	0.16	0.88	35	855	67	14 736	-1 127.7	1 467.6	1968	83 12 - GPP
7	28.16	0.025	0.30	0.89	30	860	68	14 544	-1 110.7	1 447.2	1968	96 07 - GPP
9	22.89	0.074	0.13	0.83	67	849	69	14 534	-1 138.3	1 480.9	1968	86 02 - GPP
10	21.56	0.090	0.15	0.77	101	839	71	15 505	-1 184.5	1 529.5	1968	96 07 - GPP
34	39.51	0.070	0.11	0.76	104	820	70	15 445	-1 187.8	1 544.7	1968	97 12 - GPP
51	28.78	0.069	0.14	0.73	120	829	74	15 147	-1 171.7	1 541.7	1968	96 07 - GPP
16	22.56	0.130	0.11	0.68	158	815	79	15 541	-1 200.6	1 570.3	1968	97 12
9	68.00	0.085	0.20	0.88	46	876	63	14 710	-1 133.6	1 482.9	1968	86 12 - ABAND 89 11
19	51.20	0.081	0.16	0.84	53	870	69	14 826	-1 127.1	1 475.8	1968	70 02 - GPP
17	36.82	0.080	0.15	0.73	124	834	69	15 409	-1 202.5	1 554.2	1968	97 12 - GPP
10	17.98	0.079	0.19	0.80	74	844	70	15 644	-1 271.4	1 632.0	1968	89 12 - GPP
4	47.25	0.110	0.09	0.84	56	870	62	14 731	-1 145.7	1 493.2	1968	96 07 - GPP
9	33.78	0.070	0.13	0.86	50	865	68	14 171	-1 118.2	1 464.1	1968	82 12 - ABAND 90 01
6	17.25	0.067	0.20	0.85	72	844	71	13 693	-1 135.2	1 493.0	1968	70 02
19	23.00	0.080	0.17	0.73	118	839	72	15 403	-1 198.5	1 546.8	1968	96 12 - GPP
57	39.32	0.076	0.12	0.85	43	860	69	14 999	-1 142.1	1 481.3	1969	84 12 - ABAND 90 03
32	24.20	0.040	0.25	0.84	58	876	66	15 880	-1 262.9	1 618.3	1969	95 09 - GPP
9	38.25	0.083	0.10	0.75	107	834	71	15 395	-1 191.7	1 545.3	1968	77 05
34	18.04	0.040	0.25	0.82	69	849	71	13 670	-1 127.8	1 484.4	1968	96 12 - GPP
20	48.40	0.081	0.15	0.84	65	860	70	14 125	-1 145.2	1 483.8	1969	96 08 - GPP
16	25.00	0.098	0.09	0.84	64	860	70	14 868	-1 157.8	1 501.0	1969	86 02 - GPP
17	33.89	0.140	0.08	0.78	92	829	76	15 450	-1 195.0	1 552.8	1969	96 05 - GPP
6	52.30	0.094	0.12	0.77	91	834	76	15 255	-1 185.4	1 547.5	1969	93 08 - GPP
15	28.17	0.080	0.20	0.88	40	855	70	14 596	-1 129.6	1 467.3	1969	95 12 - GPP
11	44.00	0.070	0.15	0.80	84	839	71	15 055	-1 152.3	1 494.3	1968	91 12 - GPP
8	65.23	0.120	0.10	0.78	93	834	72	15 404	-1 182.3	1 532.2	1969	82 12
8					47	855	71	14 730	-1 167.6	1 513.0	1969	93 07 - ABAND 93 02
4	34.40	0.120	0.10	0.84								
4	70.50	0.060	0.12	0.84								- GPP
7	44.00	0.082	0.11	0.85	50	865	68	13 232	-1 119.5	1 469.7	1969	83 12 - ABAND 91 03
5	49.62	0.107	0.12	0.84	54	865	71	12 649	-1 152.3	1 501.0	1969	96 07
16	6.40	0.100	0.15	0.83	69	849	71	13 387	-1 123.3	1 482.4	1969	70 12

TABLE 2-6

FIELD POOL	1	2	3	4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
VIRGO 115-06W6 (CONTINUED)								
KEG RIVER GGG	440.0	0.10	0.07	44.0	34.0	78.0	78.0	
WATER FLOOD								
KEG RIVER HHH	49.6	<0.12		5.9		5.9	5.9	
KEG RIVER III	49.6	<0.05		2.1		2.1	2.1	
KEG RIVER JJJ	556.0	<0.05		24.7		24.7	24.7	
KEG RIVER KKK	238.0	0.39		92.8		92.8	83.2	9.6
KEG RIVER LLL	207.0	0.30		62.0		62.0	51.3	10.7
KEG RIVER MMM	95.3	<0.35		33.3		33.3	33.3	
KEG RIVER NNN	226.0	0.40		90.4		90.4	86.1	4.3
KEG RIVER OOO	200.0	<0.20	0.03	38.4	6.0	44.4	44.4	
WATER FLOOD								
KEG RIVER PPP	227.0	0.15	0.10	34.2	22.7	56.9	55.3	1.6
WATER FLOOD								
KEG RIVER QQQ	320.0	<0.16		49.0		49.0	49.0	
KEG RIVER RRR	556.0	<0.08		41.7		41.7	41.7	
KEG RIVER SSS	238.0	0.05		11.9		11.9	10.5	1.4
KEG RIVER TTT	444.0	<0.26		114.4		114.4	114.4	
KEG RIVER UUU	111.0	0.25		27.8		27.8	24.3	3.5
KEG RIVER VVV	37.8	0.17		6.4		6.4	6.4	
KEG RIVER WWW	107.0	<0.10		10.5		10.5	10.5	
KEG RIVER XXX	267.0	<0.17		44.7		44.7	44.7	
KEG RIVER YYY	175.0	0.30		52.5		52.5	46.2	6.3
KEG RIVER ZZZ	195.0	0.45		87.8		87.8	83.2	4.6
KEG RIVER A2A	280.0	0.32	0.03	89.6	8.4	98.0	89.6	8.4
WATER FLOOD								
KEG RIVER B2B	327.0	0.20		65.4		65.4	24.2	41.2
KEG RIVER C2C	397.0	0.15		59.6		59.6	49.3	10.3
KEG RIVER D2D	370.0	0.28		104.0		104.0	94.7	9.3
KEG RIVER E2E	235.0	<0.06		13.2		13.2	13.2	
KEG RIVER F2F	460.0	0.25		115.0		115.0	47.4	67.6
KEG RIVER G2G	297.0	0.25		74.3		74.3	17.7	56.6
KEG RIVER H2H	487.0	0.15		73.1		73.1	47.0	26.1
KEG RIVER I2I	280.0	0.35		98.0		98.0	95.6	2.4
KEG RIVER J2J	56.3	0.20		11.3		11.3	7.2	4.1
KEG RIVER K2K	636.0	0.18		114.0		114.0	103.0	11.0
KEG RIVER L2L	245.0	<0.14		34.0		34.0	34.0	
KEG RIVER M2M	259.0	<0.11		26.6		26.6	26.6	
KEG RIVER N2N	348.0	<0.18		59.6		59.6	59.6	
KEG RIVER O2O	229.0	<0.09		18.8		18.8	18.8	
KEG RIVER P2P	198.0	<0.02		3.6		3.6	3.6	
KEG RIVER Q2Q	78.0	<0.03		1.9		1.9	1.9	
KEG RIVER R2R	397.0	0.07	0.08	27.8	31.8	59.6	48.9	10.7
WATER FLOOD								
KEG RIVER S2S	270.0	0.31		83.7		83.7	79.5	4.2
KEG RIVER T2T	203.0	<0.21		41.3		41.3	41.3	
KEG RIVER U2U	421.0	<0.10		41.5		41.5	41.5	
KEG RIVER V2V	101.0	<0.19		18.2		18.2	18.2	
KEG RIVER W2W	658.0	<0.07		45.0		45.0	45.0	
KEG RIVER X2X	400.0	<0.14		52.5		52.5	52.5	
KEG RIVER Y2Y	747.0	<0.11		76.5		76.5	76.5	
KEG RIVER Z2Z	500.0	0.05	0.05	25.0	25.0	50.0	37.6	12.4
WATER FLOOD								
KEG RIVER A3A	254.0	0.35		89.0		89.0	86.2	2.8
KEG RIVER B3B	492.0	<0.07		33.2		33.2	33.2	
KEG RIVER C3C	162.0	<0.20		30.9		30.9	30.9	
KEG RIVER D3D	111.0	<0.28		30.9		30.9	30.9	
KEG RIVER E3E	556.0	<0.11		56.1		56.1	56.1	
KEG RIVER F3F	404.0	<0.03		9.6		9.6	9.6	
KEG RIVER G3G	312.0	0.10		31.2		31.2	10.7	20.5
KEG RIVER H3H	96.9	0.35		33.9		33.9	24.2	9.7
KEG RIVER I3I	252.0	<0.02		3.7		3.7	3.7	
KEG RIVER J3J	397.0	<0.15		57.7		57.7	57.7	
KEG RIVER L3L	65.3	<0.01		0.2		0.2	0.2	
KEG RIVER N3N	353.0	0.15		53.0		53.0	44.8	8.2
KEG RIVER O3O	74.3	<0.10		6.9		6.9	6.9	
KEG RIVER P3P	96.1	0.10		9.6		9.6	3.7	5.9
KEG RIVER Q3Q	327.0	<0.07		20.0		20.0	20.0	
KEG RIVER S3S	91.6	0.26		23.8		23.8	17.7	6.1
KEG RIVER T3T	110.0	<0.03		2.3		2.3	2.3	
KEG RIVER U3U	130.0	<0.22		27.8		27.8	27.8	
KEG RIVER V3V	600.0	0.10		60.0		60.0	48.1	11.9

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
11	51.27	0.102	0.10	0.85	53	865	70	13 999	-1 152.8	1 495.4	1969	97 11 - ABAND 88 10
8	24.78	0.037	0.24	0.89	40	860	68	14 070	-1 101.8	1 442.9	1969	89 12 - GPP
8	15.54	0.064	0.24	0.82	71	839	71	13 606	-1 139.5	1 498.2	1969	74 05 - ABAND 70 11
21	40.39	0.094	0.15	0.82	62	865	72	14 448	-1 201.4	1 551.0	1969	79 12 - GPP
7	47.89	0.094	0.09	0.83	67	849	71	14 623	-1 158.6	1 505.8	1969	97 12 - GPP
14	38.74	0.053	0.20	0.90	30	870	68	14 346	-1 118.5	1 457.1	1969	70 07 - GPP
14	24.79	0.040	0.22	0.88	46	855	71	14 253	-1 138.6	1 476.3	1969	96 07 - GPP
24	27.35	0.050	0.20	0.86	44	870	68	14 405	-1 122.3	1 463.3	1969	95 12 - GPP
4	82.75	0.080	0.10	0.84	59	844	66	11 606	-1 167.4	1 511.5	1969	86 02 - GPP
11	60.96	0.047	0.14	0.84	60	855	68	13 911	-1 154.3	1 498.1	1969	76 12 - GPP
18	45.80	0.072	0.13	0.62	210	820	78	15 642	-1 209.0	1 586.2	1969	83 12 - GPP
15	66.74	0.096	0.11	0.65	171	815	78	15 460	-1 198.9	1 570.8	1969	96 12 - GPP
6	72.92	0.080	0.20	0.85	52	870	71	14 100	-1 164.8	1 516.5	1969	87 12 - GPP
11	60.27	0.095	0.13	0.81	71	855	74	15 210	-1 180.9	1 534.5	1969	87 12 - ABAND 91 03
8	37.88	0.069	0.17	0.64	192	811	82	15 525	-1 221.6	1 595.6	1969	95 12 - GPP
5	26.52	0.044	0.21	0.82	66	876	75	13 303	-1 152.1	1 511.5	1969	91 10 - ABAND 90 08
7	21.34	0.110	0.12	0.74	118	829	71	14 884	-1 190.1	1 539.7	1969	75 12
16	30.80	0.075	0.15	0.85	30	865	68	14 453	-1 118.9	1 455.1	1968	96 07 - GPP
10	40.90	0.069	0.15	0.73	123	829	72	15 284	-1 190.6	1 540.8	1969	94 10 - GPP
22	33.67	0.047	0.30	0.80	64	849	70	13 963	-1 138.6	1 477.5	1969	96 12 - GPP
10	44.19	0.090	0.12	0.80	84	844	76	15 172	-1 172.9	1 531.6	1969	90 05 - GPP
20	26.50	0.090	0.23	0.89	34	870	70	13 671	-1 114.3	1 456.6	1969	96 11 - GPP
10	48.83	0.105	0.11	0.87	41	881	64	13 195	-1 117.7	1 464.6	1969	93 08 - GPP
9	76.78	0.077	0.12	0.79	77	844	73	14 848	-1 177.0	1 531.5	1969	87 12 - GPP
12	33.89	0.079	0.15	0.86	48	870	69	11 093	-1 126.4	1 468.4	1969	73 05 - ABAND 90 08
20	29.00	0.120	0.13	0.76	104	834	73	15 217	-1 177.3	1 519.9	1969	94 12 - GPP
16	43.90	0.060	0.15	0.83	62	849	71	14 562	-1 155.0	1 492.9	1969	96 12 - GPP
17	40.54	0.103	0.12	0.78	90	849	71	14 845	-1 173.3	1 515.6	1969	95 08 - GPP
17	34.70	0.070	0.22	0.87	43	860	70	14 190	-1 130.5	1 467.6	1969	87 01 - GPP
11	29.19	0.033	0.23	0.69	125	815	82	15 592	-1 244.2	1 613.0	1969	97 12 - GPP
9	81.17	0.114	0.08	0.83	63	849	70	11 169	-1 178.2	1 521.1	1970	95 12 - GPP
11	43.56	0.070	0.17	0.88	37	865	68	13 791	-1 130.9	1 470.8	1970	88 12 - ABAND 89 03
23	26.83	0.061	0.20	0.86	45	834	72	13 793	-1 138.4	1 474.6	1970	92 10
15	36.98	0.085	0.10	0.82	70	849	73	13 466	-1 159.9	1 501.6	1970	96 05 - ABAND 95 08
12	44.35	0.061	0.20	0.88	38	855	68	14 418	-1 122.7	1 457.7	1970	82 12 - ABAND 88 02
13	33.83	0.075	0.20	0.75	92	829	76	15 008	-1 201.1	1 563.8	1970	75 03
8	30.48	0.050	0.20	0.80	90	849	72	14 013	-1 182.9	1 524.6	1970	88 12 - ABAND 89 12
15	47.81	0.075	0.10	0.82	68	860	70	11 602	-1 150.7	1 491.8	1970	76 05 - GPP
13	39.44	0.075	0.10	0.78	90	839	72	14 164	-1 175.3	1 518.5	1970	96 08 - GPP
6	54.60	0.085	0.10	0.81	53	849	79	12 867	-1 176.8	1 517.0	1971	75 12 - ABAND 89 07
10	48.77	0.120	0.10	0.80	76	849	73	12 464	-1 153.0	1 511.4	1971	96 07 - GPP
11	48.89	0.030	0.23	0.82	80	849	73	14 075	-1 167.8	1 508.3	1971	72 07 - ABAND 89 08
13	91.74	0.073	0.10	0.84	89	865	70	10 563	-1 171.6	1 512.4	1971	81 12 - ABAND 89 07
11	49.07	0.105	0.18	0.86	53	865	70	10 750	-1 137.0	1 476.5	1972	89 12 - ABAND 90 01
11	72.40	0.120	0.07	0.84	57	855	69	12 587	-1 140.7	1 495.2	1972	96 07 - GPP
14	60.43	0.087	0.21	0.86	33	870	60	11 240	-1 140.1	1 483.1	1971	91 12 - GPP
12	46.20	0.070	0.15	0.77	89	829	81	15 292	-1 170.1	1 531.9	1972	73 05 - GPP
10	54.86	0.120	0.10	0.83	51	865	72	15 567	-1 147.0	1 496.3	1972	85 12 - GPP
7	32.80	0.090	0.10	0.87	53	870	69	14 977	-1 118.0	1 467.9	1972	82 12 - ABAND 89 09
5	32.75	0.095	0.18	0.87	33	876	65	13 886	-1 104.2	1 449.5	1973	96 07 - GPP
9	58.01	0.136	0.10	0.87	43	870	62	14 331	-1 123.9	1 471.4	1973	96 07 - GPP
39	15.88	0.100	0.23	0.85	59	855	67	14 095	-1 134.5	1 473.1	1973	79 12 - ABAND 88 12
29	21.46	0.072	0.18	0.85	57	855	69	12 649	-1 129.6	1 481.3	1973	95 08 - GPP
13	22.70	0.050	0.18	0.80	89	839	60	15 657	-1 208.8	1 564.4	1969	74 12 - GPP
32	19.51	0.063	0.20	0.80	76	829	70	15 169	-1 184.2	1 539.9	1969	85 12 - ABAND 90 01
12	54.70	0.090	0.20	0.84	66	849	72	15 225	-1 151.0	1 489.9	1977	96 07 - GPP
8	22.60	0.060	0.30	0.86	35	850	68	13 296	-1 109.3	1 459.0	1980	82 12 - ABAND 90 04
16	42.00	0.072	0.12	0.83	35	852	77	15 281	-1 156.7	1 496.0	1981	95 12 - GPP
8	22.50	0.060	0.20	0.86	46	835	64	9 358	-1 237.9	1 584.8	1981	85 12 - ABAND 86 12
16	19.50	0.055	0.30	0.80	77	854	55	14 287	-1 115.1	1 451.3	1982	96 07 - GPP
16	27.00	0.110	0.20	0.86	34	850	65	14 802	-1 197.0	1 554.5	1982	89 12 - ABAND 90 06
16	18.00	0.050	0.26	0.86	49	872	70	14 105	-1 113.3	1 454.5	1983	97 12 - GPP
4	46.48	0.080	0.13	0.85	58	860	71	12 633	-1 153.2	1 502.4	1982	84 06 - ABAND 87 02
8	51.48	0.047	0.21	0.85	48	854	85	11 145	-1 127.9	1 477.7	1984	96 07 - ABAND 96 02
13	52.59	0.116	0.11	0.85	51	862	71	14 963	-1 151.2	1 495.1	1984	86 06 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 ENHANCED 10^3m^3	6 TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
VIRGO 115-06W6 (CONTINUED)								
KEG RIVER W3W	28.8	<0.02		0.5		0.5	0.5	
KEG RIVER X3X	93.3	0.30		28.0		28.0	7.8	20.2
KEG RIVER Y3Y	90.5	0.10		9.1		9.1	8.0	1.1
KEG RIVER Z3Z	50.0	<0.06		2.6		2.6	2.6	
KEG RIVER A4A	417.0	<0.03		11.5		11.5	11.5	
KEG RIVER B4B	329.0	0.25		82.3		82.3	44.0	38.3
KEG RIVER C4C	187.0	0.30		56.1		56.1	36.7	19.4
KEG RIVER D4D	500.0	<0.04		16.5		16.5	16.5	
KEG RIVER E4E	39.1	0.05		2.0		2.0	2.0	
KEG RIVER F4F	550.0	0.05	0.05	27.5	27.5	55.0	38.5	16.5
WATER FLOOD								
KEG RIVER G4G	300.0	0.15	0.10	45.0	30.0	75.0	47.4	27.6
WATER FLOOD								
KEG RIVER H4H	400.0	<0.09		33.0		33.0	33.0	
KEG RIVER I4I	192.0	0.35		67.2		67.2	24.6	42.6
KEG RIVER J4J	100.0	<0.15		14.6		14.6	14.6	
KEG RIVER K4K	120.0	0.20		24.0		24.0	18.7	5.3
KEG RIVER L4L	450.0	<0.03		10.8		10.8	10.8	
KEG RIVER M4M	240.0	<0.01		1.4		1.4	1.4	
KEG RIVER N4N	176.0	<0.03		4.5		4.5	4.5	
KEG RIVER O4O	250.0	0.40		100.0		100.0	79.6	20.4
KEG RIVER P4P	85.8	0.35		30.0		30.0	19.0	11.0
KEG RIVER Q4Q	179.0	<0.06		10.5		10.5	10.5	
KEG RIVER R4R	316.0	<0.04		11.9		11.9	11.9	
KEG RIVER S4S	100.0	0.10		10.0		10.0	4.2	5.8
KEG RIVER T4T	239.0	<0.04		9.2		9.2	9.2	
KEG RIVER V4V	172.0	<0.10		17.1		17.1	17.1	
KEG RIVER W4W	125.0	<0.02		1.5		1.5	1.5	
KEG RIVER X4X	1 217.0	0.20		243.0		243.0	60.9	182.1
KEG RIVER Y4Y	206.0	0.08		16.5		16.5	6.0	10.5
KEG RIVER Z4Z	106.0	0.40		42.4		42.4	31.9	10.5
KEG RIVER A5A	155.0	0.25		38.8		38.8	33.1	5.7
KEG RIVER B5B	578.0	0.05		28.9		28.9	13.3	15.6
KEG RIVER C5C	264.0	0.20		52.8		52.8	21.8	31.0
KEG RIVER D5D	624.0	0.10		62.4		62.4	13.2	49.2
KEG RIVER E5E	213.0	0.30		63.9		63.9	13.3	50.6
KEG RIVER F5F	723.0	0.30		217.0		217.0	28.9	188.1
KEG RIVER G5G	74.9	0.25		18.7		18.7	2.1	16.6
KEG RIVER H5H	192.0	0.20		38.4		38.4	9.5	28.9
KEG RIVER I5I	397.0	0.25		99.3		99.3	18.5	80.8
KEG RIVER J5J	247.0	<0.01		1.7		1.7	1.7	
KEG RIVER K5K	143.0	0.25		35.8		35.8	9.2	26.6
KEG RIVER L5L	601.0	0.25		150.0		150.0	17.8	132.2
KEG RIVER M5M	253.0	0.25		63.3		63.3	11.2	52.1
KEG RIVER N5N	200.0	0.25		50.0		50.0	19.4	30.6
KEG RIVER O5O	307.0	0.30		92.1		92.1	18.9	73.2
KEG RIVER P5P	199.0	0.30		59.7		59.7	5.1	54.6
KEG RIVER Q5Q	48.3	0.30		14.5		14.5	2.9	11.6
KEG RIVER R5R	84.6	0.25		21.2		21.2	0.5	20.7
KEG RIVER S5S	15.7	0.30		4.7		4.7	2.2	2.5
KEG RIVER T5T	101.0	0.30		30.3		30.3	3.5	26.8
KEG RIVER U5U	56.5	0.20		11.3		11.3	2.2	9.1
KEG RIVER V5V	154.0	0.30		46.2		46.2	22.9	23.3
KEG RIVER W5W	82.0	0.20		16.4		16.4	0.4	16.0
KEG RIVER X5X	107.0	0.20		21.4		21.4	8.7	12.7
KEG RIVER Y5Y	89.4	0.20		17.9		17.9	2.2	15.7
FIELD TOTAL	53 379.8			9 416.2	505.8	9 922.5	7 833.5	2 089.0
VULCAN 016-24W4								
BASAL MANNVILLE C	69.3	<0.19		12.8		12.8	12.8	
TURNER VALLEY D	55.3	0.05		2.8		2.8	0.4	2.4
FIELD TOTAL *	124.6			15.6		15.6	13.2	2.4
WANYANDIE 060-27W5								
CARDIUM A	242.0	0.10		24.2		24.2	13.5	10.7
CARDIUM B	106.0	<0.01		0.1		0.1	0.1	
CARDIUM C	397.0	0.02		7.9		7.9	3.3	4.6
FIELD TOTAL	745.0			32.2		32.2	16.9	15.3

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA ha	AVERAGE PAY THICKNESS m	POROSITY frac	WATER SATN frac	SHRINKAGE frac	INITIAL SOLUTION GOR m3/m3	DENSITY kg/m3	TEMP °C	INITIAL PRESSURE kPa	DATUM DEPTH m MSL	MEAN FORMATION DEPTH m KB	DISC YEAR	DATE LAST REVIEWED AND REMARKS
16	15.90	0.026	0.50	0.87	43	890	68	13 925	-1 103.3	1 443.1	1984	85 05 - ABAND 88 03
30	20.33	0.030	0.40	0.85	51	871	71	13 715	-1 115.5	1 457.9	1985	86 06 - GPP
16	32.30	0.032	0.25	0.73	104	844	73	14 846	-1 162.7	1 498.2	1984	96 03 - GPP
4	37.60	0.051	0.25	0.87	30	878	68	8 561	-1 116.4	1 467.4	1985	92 10 - ABAND 93 05
16	38.85	0.092	0.18	0.89	38	858	68	14 517	-1 138.5	1 474.5	1985	96 12 - GPP
32	29.70	0.060	0.21	0.73	104	875	73	15 143	-1 189.1	1 533.2	1985	95 12 - GPP
26	13.22	0.080	0.20	0.85	58	850	72	14 867	-1 211.7	1 569.5	1985	87 01 - GPP
11	77.68	0.081	0.16	0.86	30	873	68	12 056	-1 137.8	1 486.9	1985	96 07 - ABAND 96 03
16	10.00	0.040	0.29	0.86	30	875	68	12 538	-1 092.4	1 444.0	1985	86 01 - ABAND 87 11
10	73.90	0.095	0.13	0.90	33	889	70	13 666	-1 153.1	1 496.5	1985	91 12 - GPP
15	26.12	0.100	0.12	0.87	43	865	68	12 278	-1 134.4	1 477.2	1985	94 12 - GPP
7	73.90	0.107	0.16	0.86	241	891	68	13 893	-1 160.3	1 509.5	1985	96 07 - GPP
25	17.47	0.064	0.20	0.86	44	855	73	14 266	-1 141.4	1 477.5	1985	97 12 - GPP
19	29.10	0.034	0.30	0.76	106	872	68	14 883	-1 179.6	1 531.2	1985	96 07 - GPP
16	20.49	0.052	0.20	0.88	34	852	67	14 610	-1 121.7	1 460.8	1986	91 12 - GPP
14	44.58	0.101	0.17	0.86	48	874	64	13 661	-1 188.2	1 531.0	1986	87 07 - ABAND 89 08
11	38.23	0.079	0.15	0.85	51	808	71	14 559	-1 143.8	1 489.0	1986	91 12 - ABAND 93 07
16	19.68	0.074	0.14	0.88	37	872	57	14 068	-1 119.9	1 458.8	1986	96 07 - GPP
14	59.80	0.048	0.26	0.84	72	869	71	15 720	-1 163.7	1 506.0	1987	88 09 - GPP
6	34.60	0.076	0.15	0.64	193	839	78	13 771	-1 187.9	1 563.2	1987	97 06 - GPP
16	20.72	0.073	0.13	0.85	43	867	68	13 296	-1 167.7	1 519.8	1986	92 03 - ABAND 91 11
16	56.50	0.068	0.21	0.65	159	839	78	13 628	-1 178.8	1 555.0	1987	96 07 - GPP
13	28.95	0.041	0.19	0.80	78	844	70	12 891	-1 236.5	1 577.8	1988	97 10
10	44.00	0.100	0.20	0.68	161	803	80	11 244	-1 179.8	1 551.5	1989	96 07 - GPP
10	37.00	0.070	0.22	0.85	70	873	71	10 747	-1 148.0	1 490.0	1990	96 07 - GPP
16	13.20	0.080	0.15	0.87	49	872	68	13 439	-1 126.7	1 478.8	1986	96 07
89	26.20	0.080	0.13	0.75	123	821	63	14 754	-1 190.3	1 557.3	1980	94 03
16	22.00	0.090	0.11	0.73	118	830	72	10 527	-1 167.2	1 514.0	1992	96 08 - GPP
22	16.00	0.050	0.16	0.72	124	816	71	14 131	-1 169.6	1 516.0	1993	97 12 - GPP
16	28.50	0.050	0.20	0.85	49	867	70	14 524	-1 138.9	1 475.8	1993	93 09 - GPP
16	56.90	0.090	0.16	0.84	52	870	69	9 667	-1 144.1	1 486.5	1993	94 12
16	39.50	0.060	0.13	0.80	74	836	76	14 383	-1 177.2	1 544.8	1993	94 12 - GPP
16	53.50	0.100	0.10	0.81	72	851	71	14 669	-1 186.7	1 539.3	1993	94 12 - GPP
16	24.00	0.070	0.10	0.88	34	856	67	14 373	-1 168.2	1 523.0	1993	94 02 - GPP
16	72.00	0.090	0.18	0.85	62	867	71	14 258	-1 187.3	1 530.8	1993	94 04 - GPP
10	21.50	0.050	0.18	0.85	128	772	78		-1 174.4	1 536.8	1992	97 07 - GPP
10	52.00	0.050	0.15	0.87	62	867	71	14 929	-1 162.6	1 506.0	1994	95 05 - GPP
30	25.00	0.070	0.10	0.84	48	854	85	14 831	-1 172.1	1 511.5	1994	94 09
16	33.20	0.070	0.15	0.78	79	844	79	14 832	-1 172.0	1 509.6	1994	97 02 - ABAND 95 01
8	39.00	0.060	0.10	0.85	47	848	69	14 934	-1 188.2	1 535.5	1994	95 04 - GPP
28	25.50	0.110	0.10	0.85	56	869	67	15 145	-1 174.6	1 513.3	1994	95 07 - GPP
16	30.50	0.070	0.14	0.86	45	850	72	15 705	-1 161.8	1 499.8	1995	95 10 - GPP
16	28.50	0.060	0.11	0.82	68	849	69	14 712	-1 143.2	1 484.8	1995	95 11 - GPP
16	28.50	0.090	0.15	0.88	37	865	68	14 034	-1 126.2	1 465.8	1995	96 02 - GPP
16	21.00	0.080	0.13	0.85	47	848	69	15 717	-1 163.3	1 502.5	1995	96 02 - GPP
16	18.00	0.030	0.35	0.86	48	868	69	11 483	-1 138.4	1 483.0	1995	96 02 - GPP
16	20.50	0.040	0.25	0.86	47	848	69	13 549	-1 168.6	1 504.8	1995	96 07 - GPP
16	5.80	0.030	0.35	0.87	43	867	68	13 758	-1 109.0	1 451.1	1996	96 07 - GPP
16	18.00	0.050	0.20	0.88	38	893	61	13 529	-1 135.6	1 473.5	1996	96 07 - GPP
16	30.50	0.020	0.35	0.89	31	870	64	13 711	-1 132.9	1 471.8	1996	96 08 - GPP
16	22.50	0.060	0.20	0.89	31	870	64	13 873	-1 111.1	1 452.8	1996	96 08 - GPP
16	18.00	0.040	0.20	0.89	31	870	64	13 994	-1 111.8	1 451.0	1996	96 09 - GPP
16	23.50	0.040	0.20	0.89	31	870	64	12 286	-1 117.4	1 461.3	1996	96 09 - GPP
16	11.60	0.070	0.15	0.81	71	847	74	14 559	-1 219.9	1 578.3	1969	97 03 - GPP
32	4.01	0.100	0.40	0.90	80	854	49	13 502	-589.3	1 629.9	1952	96 07 - GPP
16	13.00	0.050	0.30	0.76	100	880	45	11 459	-713.6	1 751.0	1995	96 03 - GPP
64	15.39	0.066	0.40	0.62	134	817	65	15 432	-960.6	2 233.3	1980	82 12 - GPP
16	17.80	0.077	0.22	0.62	180	780	65	15 250	-928.7	2 149.6	1981	88 12
64	15.90	0.090	0.30	0.62	134	823	65	15 215	-889.9	2 154.8	1980	96 08 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 INITIAL ESTABLISHED RESERVES ENHANCED 10^3m^3	6 INITIAL ESTABLISHED RESERVES TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
WAPITI 067-06W6								
CARDIUM C	164.0	0.04		6.6		6.6	0.2	6.4
CARDIUM A & B	13 650.0	0.06		819.0		819.0	567.8	251.2
DUNVEGAN B	2 665.0	0.10		267.0		267.0	234.6	32.4
DUNVEGAN E	73.1	0.10		7.3		7.3	3.6	3.7
FIELD TOTAL	16 552.1			1 099.9		1 099.9	806.2	293.7
WARNER 004-18W4								
LIVINGSTONE A	93.6	0.02		1.9		1.9	1.9	
FIELD TOTAL	93.6			1.9		1.9	1.9	
WASKAHIGAN 063-24W5								
DUNVEGAN A	3 000.0	0.06		180.0		180.0	171.1	8.9
DUNVEGAN C	520.0	0.05		26.0		26.0	21.7	4.3
DUNVEGAN E	288.0	0.15		43.2		43.2	28.6	14.6
GETHING C	255.0	<0.01		2.1		2.1	2.1	
GETHING F	149.0	0.15		22.4		22.4	10.3	12.1
FIELD TOTAL	4 212.0			273.7		273.7	233.8	39.9
WATELET 047-26W4								
BELLY RIVER B	281.0	0.02		5.6		5.6	2.7	2.9
GLAUCONITIC A	103.0	0.10		10.3		10.3	1.9	8.4
ELLERSLIE A	320.0	0.18		57.6		57.6	48.2	9.4
FIELD TOTAL	704.0			73.5		73.5	52.8	20.7
WATTS 031-16W4								
LOWER MANNVILLE A	139.0	0.10		13.9		13.9	12.1	1.8
LOWER MANNVILLE B	167.0	0.10		16.7		16.7	12.8	3.9
LOWER MANNVILLE D	115.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE E	496.0	0.05		24.8		24.8	12.9	11.9
LOWER MANNVILLE I	220.0	0.10		22.0		22.0	18.8	3.2
LOWER MANNVILLE J	418.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE K	161.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE L	36.5	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE N	63.1	<0.01		0.1		0.1	0.1	
BANFF A	50.0	0.10		5.0		5.0	3.3	1.7
BANFF C	557.0	0.05		27.9		27.9	26.6	1.3
BANFF D	829.0	0.06		49.7		49.7	37.0	12.7
BANFF G	114.0	<0.01		0.4		0.4	0.4	
BANFF H	3 442.0	0.13		447.0		447.0	410.0	37.0
BANFF I	962.0	0.15		144.0		144.0	92.9	51.1
BANFF J	89.1	<0.05		4.1		4.1	4.1	
BANFF L	200.0	0.20		40.0		40.0	30.4	9.6
BANFF M	760.0	0.06		45.6		45.6	36.2	9.4
BANFF N	161.0	<0.08		11.3		11.3	11.3	
BANFF O	159.0	0.18		28.6		28.6	24.9	3.7
BANFF P	21.6	<0.01		0.1		0.1	0.1	
BANFF Q	168.0	0.15		25.2		25.2	17.5	7.7
BANFF W	116.0	0.10		11.6		11.6	10.9	0.7
BANFF X	123.0	<0.06		7.3		7.3	7.3	
BANFF Y	804.0	0.03		24.1		24.1	20.2	3.9
BANFF Z	421.0	<0.05		19.8		19.8	19.8	
BANFF AA	255.0	0.05		12.8		12.8	11.1	1.7
BANFF DD	493.0	0.05		24.7		24.7	14.6	10.1
BANFF EE	44.8	0.15		6.7		6.7	2.2	4.5
FIELD TOTAL	11 585.1			1 013.8		1 013.8	837.9	175.9
WAYNE-ROSEDALE 027-20W4								
VIKING H	73.3	<0.08		5.3		5.3	5.3	
VIKING M	106.0	<0.04		4.2		4.2	4.2	
UPPER MANNVILLE E	176.0	<0.02		1.9		1.9	1.9	
UPPER MANNVILLE G	60.4	0.10		6.0		6.0	1.0	5.0
GLAUCONITIC F	159.0	<0.01		0.9		0.9	0.9	
GLAUCONITIC L	130.0	0.10		13.0		13.0	9.4	3.6
GLAUCONITIC M	109.0	<0.03		2.7		2.7	2.7	
GLAUCONITIC N	107.0	<0.02		1.6		1.6	1.6	
GLAUCONITIC DD	93.7	<0.01		0.4		0.4	0.4	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
16	18.20	0.110	0.31	0.74	110	815	40	10 477	-390.4	1 232.6	1994	96 08 - GPP
2 492	8.25	0.112	0.25	0.79	98	810	40	10 650	-415.7	1 298.6	1969	94 12
1 547	2.01	0.153	0.30	0.80	88	800	50	10 182	-747.0	1 521.4	1958	90 07 - GPP
16	6.80	0.120	0.30	0.80	88	816	50	10 383	-775.4	1 560.4	1988	96 08 - GPP
16	5.00	0.170	0.26	0.93	28	866	36	9 250	-7.0	1 045.0	1981	90 12 - ABAND 92 08
698	5.77	0.145	0.35	0.79	76	834	57	10 562	-699.6	1 576.2	1967	92 12 - GPP
128	4.61	0.180	0.38	0.79	88	831	40	7 791	-669.8	1 509.3	1959	85 08 - GPP
192	2.22	0.130	0.35	0.80	76	837	57	10 241	-870.0	1 785.3	1990	95 11 - GPP
64	4.20	0.150	0.20	0.79	80	884	70	16 193	-1 261.4	2 166.6	1980	90 12
64	3.50	0.120	0.22	0.71	119	861	69	16 402	-1 163.6	1 977.3	1994	95 07
64	3.00	0.250	0.35	0.90	28	865	31	5 355	80.4	723.0	1981	88 12 - GPP
32	3.80	0.160	0.31	0.77	95	867	62		-655.5	1 448.0	1996	97 10 - GPP
147	2.08	0.160	0.25	0.87	51	898	52	11 237	-682.5	1 480.1	1965	97 12 - GPP
64	2.00	0.210	0.40	0.86	56	850	32	9 238	-396.5	1 217.5	1982	82 08 - GPP
64	2.90	0.170	0.40	0.88	49	867	37	9 371	-342.8	1 206.8	1984	85 01 - GPP
32	3.70	0.180	0.37	0.86	57	850	37	8 175	-331.1	1 155.0	1986	95 11 - ABAND 95 07
64	5.80	0.230	0.34	0.88	49	880	36	9 371	-398.6	1 261.4	1986	88 03 - GPP
64	3.00	0.210	0.35	0.84	66	860	35	8 939	-394.7	1 207.5	1986	88 01 - GPP
64	4.70	0.210	0.24	0.87	51	853	42	8 974	-406.7	1 281.2	1987	88 06 - ABAND 89 09
64	3.00	0.140	0.35	0.92	30	853	38	9 556	-390.0	1 264.5	1987	91 10 - ABAND 89 09
16	3.70	0.140	0.45	0.80	79	877	56	9 757	-413.7	1 266.9	1989	92 10 - ABAND 92 08
64	1.10	0.180	0.40	0.83	64	844	47	8 978	-398.9	1 269.6	1987	88 03 - ABAND 90 03
64	4.86	0.035	0.46	0.85	61	849	42	5 949	-409.3	1 271.2	1970	86 10 - GPP
259	4.71	0.070	0.26	0.88	58	862	40	9 509	-403.9	1 275.4	1984	91 12 - GPP
384	5.72	0.060	0.26	0.85	60	864	39	9 954	-351.5	1 217.5	1984	96 08 - GPP
64	6.30	0.045	0.26	0.85	60	882	42	9 526	-406.1	1 247.0	1985	89 12 - ABAND 94 06
805	7.96	0.080	0.21	0.85	55	860	47	9 316	-395.0	1 254.1	1986	95 12 - GPP
192	14.18	0.054	0.23	0.85	61	885	42	9 580	-417.5	1 245.8	1986	88 01 - GPP
64	7.00	0.030	0.22	0.85	66	860	33	9 019	-408.0	1 257.3	1982	93 01 - ABAND 92 10
72	6.60	0.080	0.38	0.85	61	849	42	9 707	-408.5	1 251.5	1981	88 12 - GPP
423	5.64	0.050	0.25	0.85	61	877	42	9 515	-414.1	1 233.8	1982	96 08 - GPP
32	16.00	0.050	0.26	0.85	61	882	42	9 349	-441.0	1 289.1	1986	96 07 - GPP
64	7.50	0.060	0.35	0.85	66	883	31	9 548	-413.7	1 235.8	1986	97 12 - GPP
16	6.30	0.040	0.37	0.85	66	883	31	9 362	-402.2	1 240.0	1986	92 12 - ABAND 92 10
64	11.00	0.040	0.30	0.85	66	883	31	9 715	-413.2	1 232.5	1986	89 12 - GPP
32	9.50	0.060	0.25	0.85	63	849	42	8 840	-402.6	1 252.8	1986	93 12 - GPP
16	27.00	0.050	0.33	0.85	61	850	30	9 607	-421.1	1 269.2	1987	96 07 - GPP
192	14.28	0.050	0.31	0.85	61	849	42	9 129	-421.5	1 280.0	1987	91 12 - GPP
128	12.56	0.040	0.23	0.85	61	849	42	9 459	-417.3	1 267.1	1987	96 12 - ABAND 96 02
64	9.60	0.065	0.25	0.85	61	845	42	9 206	-412.9	1 250.0	1987	89 11 - GPP
64	21.00	0.065	0.32	0.83	64	875	47	9 639	-425.0	1 300.0	1987	91 12 - GPP
64	2.60	0.040	0.26	0.91	31	865	60	9 900	-344.8	1 197.3	1995	97 03 - GPP
64	0.92	0.220	0.35	0.87	54	811	39	6 608	-249.2	1 042.3	1973	96 07 - GPP
64	1.22	0.240	0.35	0.87	54	811	32	8 148	-250.8	1 053.6	1977	88 12
16	14.00	0.140	0.30	0.80	88	857	40	10 096	-440.1	1 432.3	1979	92 12 - GPP
32	1.90	0.170	0.32	0.86	56	850	55	10 113	-585.8	1 464.1	1996	96 12
65	1.86	0.200	0.20	0.82	80	829	43	9 807	-510.0	1 350.6	1961	82 12 - ABAND 90 10
64	3.10	0.140	0.46	0.87	53	876	46	9 585	-523.1	1 338.1	1973	79 01 - GPP
16	5.50	0.230	0.39	0.88	47	892	46	9 986	-533.3	1 343.3	1978	92 12 - GPP
16	6.10	0.180	0.25	0.81	64	856	52	9 531	-508.0	1 224.8	1958	92 12 - ABAND 94 08
64	2.20	0.150	0.49	0.87	50	869	45	8 725	-536.3	1 329.5	1984	88 12 - ABAND 96 01

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 INITIAL ESTABLISHED RESERVES ENHANCED 10^3m^3	6 INITIAL ESTABLISHED RESERVES TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
WAYNE-ROSEDALE 027-20W4 (CONTINUED)								
GLAUCONITIC KK	107.0	0.10		10.7		10.7	3.1	7.6
GLAUCONITIC QQ	239.0	0.10		23.9		23.9	4.8	19.1
OSTRACOD D	78.3	<0.06		4.2		4.2	4.2	
OSTRACOD J	175.0	0.10		17.5		17.5	5.4	12.1
OSTRACOD M	224.0	0.20		44.8		44.8	34.6	10.2
BASAL QUARTZ B	9 794.0	0.10		979.0		979.0	860.8	118.2
BASAL QUARTZ E	4 504.0	0.03		135.0		135.0	117.8	17.2
BASAL QUARTZ F	105.0	0.11		11.6		11.6	11.1	0.5
BASAL QUARTZ G	76.8	<0.01		0.1		0.1	0.1	
BASAL QUARTZ H	157.0	<0.02		2.5		2.5	2.5	
BASAL QUARTZ O	73.8	<0.08		5.2		5.2	5.2	
BASAL QUARTZ U	132.0	<0.01		0.2		0.2	0.2	
BASAL QUARTZ AA	124.0	<0.01		0.3		0.3	0.3	
BASAL QUARTZ BB	357.0	<0.01		0.3		0.3	0.3	
BASAL QUARTZ DD	84.3	0.06		5.1		5.1	4.2	0.9
BASAL QUARTZ EE	205.0	<0.01		0.1		0.1	0.1	
BASAL QUARTZ FF	38.9	0.01		0.4		0.4	0.2	0.2
BASAL QUARTZ GG	2 731.0	0.12		328.0		328.0	246.8	81.2
BASAL QUARTZ NN	145.0	<0.01		0.1		0.1	0.1	
BASAL QUARTZ OO	463.0	0.06		27.8		27.8	22.9	4.9
BASAL QUARTZ PP	441.0	<0.03		11.0		11.0	10.7	0.3
BASAL QUARTZ QQ	184.0	0.10		18.4		18.4	10.6	7.8
BASAL QUARTZ RR	150.0	0.10		15.0		15.0	8.0	7.0
BASAL QUARTZ VV	106.0	<0.03		2.3		2.3	2.3	
BASAL QUARTZ CCC	300.0	0.05		15.0		15.0	10.0	5.0
BASAL QUARTZ FFF	85.2	<0.01		0.5		0.5	0.5	
BASAL QUARTZ GGG	107.0	<0.06		5.9		5.9	5.9	
BASAL QUARTZ JJJ	452.0	0.10		45.2		45.2	24.0	21.2
BASAL QUARTZ LLL	168.0	0.10		16.8		16.8	6.5	10.3
BASAL QUARTZ MMM	110.0	<0.01		0.1		0.1	0.1	
BANFF C	300.0	0.21		63.0		63.0	51.9	11.1
NISKU A	3 389.0	0.40		1 356.0		1 356.0	469.0	887.0
NISKU B	1 899.0	0.40		760.0		760.0	349.1	410.9
NISKU C	116.0	0.25		29.0		29.0	2.7	26.3
FIELD TOTAL	28 635.7			3 971.0		3 971.0	2 303.4	1 667.6
WELLBURN 009-19W4								
SAWTOOTH B	14.6	<0.15		2.1		2.1	2.1	
FIELD TOTAL *	14.6			2.1		2.1	2.1	
WEMBLEY 073-08W6								
CHARLIE LAKE A	90.1	0.18		16.2		16.2	10.6	5.6
CHARLIE LAKE B	177.0	0.10		17.7		17.7	14.8	2.9
CHARLIE LAKE C	146.0	0.10		14.6		14.6	6.1	8.5
CHARLIE LAKE D	137.0	0.30		41.1		41.1	30.3	10.8
CHARLIE LAKE F	176.0	0.08		14.1		14.1	10.8	3.3
CHARLIE LAKE G	143.0	0.20		28.6		28.6	25.2	3.4
CHARLIE LAKE H & I	134.0	0.11		14.7		14.7	3.6	11.1
HALFWAY R	49.6	0.01		0.5		0.5	0.5	
HALFWAY U	99.0	<0.06		5.1		5.1	5.1	
HALFWAY V	142.0	0.10		14.2		14.2	6.6	7.6
HALFWAY B TOTAL	23 000.0			4 250.0	361.0	4 611.0	3 328.4	1 282.6
PRIMARY AREA	18 940.0	<0.19		3 596.0		3 596.0		
WATER FLOOD AREA	4 059.0	0.16	0.08	654.0	361.0	1 015.0		
DOIG E	2 817.0	0.10		282.0		282.0	263.8	18.2
DOIG F	70.5	0.15		10.6		10.6	1.4	9.2
DOIG G	1 205.0	0.03		36.2		36.2	29.3	6.9
FIELD TOTAL	28 386.2			4 745.6	361.0	5 106.6	3 736.5	1 370.1
WEST COVE 055-06W5								
NORDEGG-BANFF A	224.0	<0.01		2.1		2.1	2.1	
NORDEGG-BANFF B	144.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL	368.0			2.2		2.2	2.2	
WEST DRUMHELLER 030-20W4								
D-2 A	10 040.0	0.48		4 819.0		4 819.0	4 750.4	68.6

* LIGHT-MEDIUM CRUDE OIL POOLS

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP oC	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
64	1.40	0.190	0.23	0.82	56	857	45	9 515	-432.9	1 377.4	1989	89 08 - GPP
64	3.20	0.200	0.33	0.87	60	849	44	9 848	-462.0	1 369.6	1991	92 11
64	1.50	0.170	0.40	0.80	98	869	39	9 044	-443.8	1 446.3	1980	96 07 - GPP
128	1.07	0.210	0.24	0.80	62	870	43	8 958	-432.9	1 391.5	1979	86 12 - GPP
128	1.89	0.190	0.39	0.80	82	870	40	9 060	-445.9	1 400.0	1987	97 12
1 394	10.50	0.160	0.49	0.82	71	870	44	10 435	-540.6	1 393.5	1954	95 09 - GPP
830	7.56	0.150	0.45	0.87	48	878	47	9 863	-521.5	1 353.0	1959	90 02 - GPP
110	1.00	0.170	0.30	0.80	74	870	48	9 289	-542.1	1 382.9	1957	96 12 - GPP
16	10.70	0.123	0.55	0.81	71	870	43	9 886	-512.5	1 374.2	1962	63 02 - ABAND 63 08
16	9.14	0.180	0.27	0.81	74	870	48	10 070	-583.1	1 439.9	1961	71 05 - ABAND 83 02
32	2.44	0.226	0.49	0.82	53	860	38	10 148	-439.6	1 445.4	1959	96 07 - GPP
16	6.71	0.220	0.32	0.82	74	865	49	9 913	-420.1	1 364.4	1971	92 11 - ABAND 72 06
16	7.50	0.190	0.35	0.84	68	857	38	9 382	-457.2	1 414.8	1979	92 11 - ABAND 81 08
64	8.20	0.160	0.50	0.85	68	857	40	9 914	-468.5	1 455.9	1979	82 12 - ABAND 81 05
32	3.66	0.150	0.40	0.80	67	857	41	8 906	-449.8	1 360.8	1979	92 12 - GPP
64	4.39	0.140	0.35	0.80	88	857	41	9 726	-474.6	1 494.0	1979	83 12
16	3.90	0.120	0.35	0.80	88	857	44	10 126	-497.3	1 443.3	1979	95 12 - GPP
826	4.92	0.150	0.44	0.80	63	862	38	8 098	-441.0	1 362.3	1976	97 10 - GPP
32	6.00	0.170	0.45	0.81	58	883	39	9 734	-497.8	1 390.3	1981	94 11 - ABAND 93 05
128	9.30	0.120	0.60	0.81	72	863	38	9 736	-452.0	1 202.5	1981	96 08 - GPP
64	12.00	0.140	0.50	0.82	70	872	47	9 634	-438.6	1 289.0	1981	93 12 - GPP
64	5.00	0.140	0.50	0.82	70	882	47	9 870	-440.7	1 254.2	1980	83 01 - GPP
64	5.30	0.120	0.55	0.82	74	819	39	8 827	-444.2	1 229.2	1982	83 01 - GPP
16	9.40	0.160	0.45	0.80	60	876	52	9 649	-457.9	1 336.3	1980	96 07
200	2.82	0.130	0.53	0.87	53	885	40	9 145	-443.7	1 213.9	1984	93 12 - GPP
16	9.00	0.140	0.52	0.88	48	878	47	9 333	-408.0	1 315.5	1986	92 10
32	4.30	0.180	0.48	0.83	70	857	30	9 898	-454.2	1 257.0	1977	96 07 - GPP
50	12.67	0.150	0.46	0.88	48	878	46	9 554	-494.4	1 377.4	1989	94 12 - GPP
64	2.80	0.190	0.40	0.82	70	869	47	9 711	-474.6	1 352.2	1991	92 05 - GPP
16	10.60	0.140	0.44	0.83	66	855	49	9 447	-485.0	1 328.1	1991	94 11 - ABAND 93 08
193	2.80	0.140	0.51	0.81	59	877	36	9 945	-472.7	1 380.6	1980	97 12 - GPP
574	10.00	0.080	0.10	0.82	78	851	54	13 639	-902.4	1 768.4	1993	96 07 - GPP
290	11.80	0.100	0.24	0.73	122	817	54	13 640	-905.6	1 742.3	1995	96 05 - GPP
64	3.00	0.090	0.20	0.84	57	851	54	14 102	-925.0	1 793.3	1995	95 12
16	1.00	0.200	0.48	0.88	60	878	33	10 838	-218.0	1 075.3	1995	97 12 - ABAND 97 06
64	2.00	0.110	0.20	0.80	75	832	59	19 879	-1 341.8	2 077.4	1981	97 12 - GPP
64	3.00	0.139	0.15	0.78	183	832	83	19 657	-1 342.6	2 064.3	1980	81 05 - GPP
64	2.80	0.120	0.13	0.78	91	845	72	19 632	-1 395.6	2 189.2	1982	86 02 - GPP
128	2.07	0.090	0.18	0.70	135	840	66	24 583	-1 346.5	2 033.2	1979	96 06 - GPP
64	2.40	0.180	0.15	0.75	120	823	76	19 326	-1 354.8	2 080.4	1985	96 08 - GPP
171	1.35	0.109	0.15	0.67	140	833	72	24 572	-1 332.9	2 054.7	1986	91 12 - GPP
64	2.70	0.140	0.24	0.73	115	820	77	28 537	-1 491.3	2 281.5	1990	91 05 - GPP
64	2.55	0.090	0.48	0.65	183	807	83	21 253	-1 443.4	2 163.4	1984	85 07
64	3.80	0.082	0.32	0.73	123	830	76	20 254	-1 372.9	2 049.9	1985	94 06 - ABAND 93 11
64	6.50	0.070	0.25	0.65	183	805	83	19 548	-1 353.6	2 023.6	1990	91 07 - GPP
7 205					183	802	83	22 356	-1 393.4	2 109.8	1978	97 09
5 938	6.59	0.102	0.27	0.65								
1 267	6.10	0.101	0.20	0.65								- GPP
592	13.71	0.070	0.26	0.67	162	802	76	21 901	-1 434.3	2 149.9	1980	89 12 - GPP
64	2.90	0.070	0.19	0.67	140	838	73	21 234	-1 404.1	2 143.6	1984	84 12 - GPP
192	18.16	0.075	0.28	0.64	171	809	81	23 375	-1 514.4	2 306.1	1982	92 08 - GPP
16	16.17	0.156	0.37	0.88	50	904	45	11 424	-704.8	1 469.8	1980	92 11 - ABAND 89 03
32	6.70	0.120	0.39	0.92	27	919	43	8 952	-689.4	1 460.6	1984	85 06 - ABAND 87 03
1 730	14.00	0.070	0.20	0.74	120	815	56	13 761	-883.5	1 679.6	1952	92 12 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
WEST DRUMHELLER 030-20W4 (CONTINUED)								
D-2 B	30.4	<0.01		0.1		0.1	0.1	
IRETON A	326.0	0.25		81.5		81.5	70.4	11.1
D-3 A	1 490.0	0.65		969.0		969.0	872.1	96.9
D-3 B	97.4	<0.01		0.6		0.6	0.6	
FIELD TOTAL	11 983.8			5 870.2		5 870.2	5 693.6	176.6
WEST PRAIRIE 072-15W5								
GILWOOD A	169.0	0.20		33.8		33.8	12.5	21.3
FIELD TOTAL	169.0			33.8		33.8	12.5	21.3
WESTEROSE 046-28W4								
BELLY RIVER A	451.0	0.05		22.6		22.6	7.5	15.1
BELLY RIVER B	152.0	0.10		15.2		15.2	3.7	11.5
UPPER MANNVILLE L	173.0	0.10		17.3		17.3	0.9	16.4
LOWER MANNVILLE G	50.4	0.10		5.0		5.0	0.2	4.8
BANFF B	1 720.0	<0.12		196.0		196.0	82.2	113.8
D-3	31 000.0	0.78		24 180.0		24 180.0	23 189.8	990.2
FIELD TOTAL	33 546.4			24 436.1		24 436.1	23 284.3	1 151.8
WESTEROSE SOUTH 043-02W5								
VIKING A	148.0	0.15		22.2		22.2	12.0	10.2
GLAUCONITIC C	92.6	<0.03		2.6		2.6	2.6	
GLAUCONITIC D	377.0	0.05		18.9		18.9	6.1	12.8
OSTRACOD A	17.0	<0.01		0.1		0.1	0.1	
BASAL QUARTZ A	256.0	<0.01		0.2		0.2	0.2	
BASAL QUARTZ D	359.0	<0.01		2.1		2.1	2.1	
BASAL QUARTZ E	125.0	<0.04		4.2		4.2	4.2	
BASAL QUARTZ G	25.5	<0.04		0.9		0.9	0.9	
BANFF A	35.4	0.10		3.5		3.5	0.4	3.1
BANFF C	5 429.0	0.12		651.0		651.0	115.5	535.5
BANFF E	81.1	0.10		8.1		8.1	0.3	7.8
D-3 A	5 875.0	0.35		2 056.0		2 056.0	273.9	1 782.1
FIELD TOTAL	12 820.6			2 769.8		2 769.8	418.3	2 351.5
WESTLOCK 059-25W4								
VIKING R	840.0	<0.01		3.3		3.3	3.3	
FIELD TOTAL	840.0			3.3		3.3	3.3	
WESTPEM 049-13W5								
BELLY RIVER A	68.5	<0.01		0.4		0.4	0.4	
BELLY RIVER B	64.8	0.07		4.5		4.5	1.3	3.2
SECOND WHITE SPECKS A	38.6	0.10		3.9		3.9	2.4	1.5
OSTRACOD A	124.0	<0.08		9.5		9.5	9.5	
OSTRACOD B	78.0	0.20		15.6		15.6	10.6	5.0
OSTRACOD C	39.2	<0.01		0.2		0.2	0.2	
OSTRACOD D	69.7	0.10		7.0		7.0	5.0	2.0
OSTRACOD F	174.0	0.20		34.8		34.8	25.9	8.9
OSTRACOD G	1 000.0	0.20		200.0		200.0	133.5	66.5
OSTRACOD H	107.0	0.10		10.7		10.7	6.9	3.8
OSTRACOD I	15.4	<0.02		0.3		0.3	0.3	
OSTRACOD K	126.0	0.20		25.2		25.2	9.5	15.7
OSTRACOD M	61.7	0.20		12.3		12.3	1.7	10.6
OSTRACOD N	101.0	0.10		10.1		10.1	0.3	9.8
OSTRACOD J & ELLERSLIE A	102.0	0.40		40.8		40.8	28.2	12.6
NISKU A SOLVENT FLOOD	2 850.0	0.40	0.43	1 140.0	1 225.0	2 365.0	2 320.6	44.4
NISKU C SOLVENT FLOOD	4 000.0	0.40	0.40	1 600.0	1 600.0	3 200.0	3 134.6	65.4
NISKU D SOLVENT FLOOD	2 400.0	0.40	0.42	960.0	1 008.0	1 968.0	1 857.6	110.4
FIELD TOTAL	11 419.9			4 075.3	3 833.0	7 908.3	7 548.5	359.8

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA ha	AVERAGE PAY THICKNESS m	POROSITY frac	WATER SATN frac	SHRINKAGE frac	INITIAL SOLUTION GOR m^3/m^3	DENSITY kg/m^3	TEMP °C	INITIAL PRESSURE kPa	DATUM DEPTH m MSL	MEAN FORMATION DEPTH m KB	DISC YEAR	DATE LAST REVIEWED AND REMARKS
64	2.00	0.045	0.40	0.88	120	833	44	13 374	-896.1	1 700.0	1985	85 11 - ABAND 91 09
445	3.05	0.040	0.25	0.80	78	811	64	13 965	-895.9	1 708.4	1954	95 12 - GPP
324	7.50	0.087	0.13	0.81	69	839	57	14 183	-909.8	1 723.8	1954	92 12 - GPP
64	2.50	0.120	0.41	0.86	45	848	66	14 275	-921.2	1 701.8	1991	92 08 - ABAND 92 05
64	2.50	0.170	0.30	0.89	36	835	86	24 015	-1 637.6	2 271.3	1990	90 09 - GPP
64	9.30	0.189	0.55	0.89	52	845	33	6 554	-72.3	932.0	1986	86 08 - GPP
96	2.14	0.160	0.48	0.89	50	849	36	6 442	-81.5	970.3	1995	96 05
32	12.80	0.100	0.45	0.77	95	867	62		-833.2	1 748.8	1985	97 04
32	3.10	0.120	0.45	0.77	95	882	66	11 189	-802.9	1 655.3	1989	92 06
300	7.20	0.160	0.37	0.79	81	881	58	14 957	-831.4	1 748.0	1994	96 01
652	72.67	0.105	0.07	0.67	166	820	82	18 086	-1 315.0	2 209.8	1952	97 12 - GPP
128	2.57	0.087	0.37	0.82	80	827	51	15 434	-813.5	1 747.2	1986	90 07 - GPP
16	11.30	0.120	0.46	0.79	92	862	52	16 245	-979.1	1 965.9	1989	96 07 - GPP
32	15.16	0.120	0.28	0.90	62	895	56	12 383	-819.1	1 731.8	1992	93 08
64	0.80	0.065	0.36	0.80	74	870	72	16 484	-966.3	1 868.3	1980	89 12
64	5.50	0.130	0.30	0.80	86	882	60	12 722	-987.8	1 889.8	1980	83 12 - ABAND 87 06
64	5.00	0.165	0.15	0.80	85	851	59	16 334	-888.9	1 852.0	1984	89 12 - ABAND 90 06
64	3.30	0.095	0.17	0.75	120	854	60	18 122	-988.0	1 992.6	1985	92 12 - ABAND 92 10
64	1.00	0.090	0.32	0.65	174	812	80	17 670	-952.4	1 904.7	1988	91 10 - ABAND 90 05
16	2.80	0.130	0.24	0.80	90	910	49	13 097	-824.8	1 771.6	1980	97 01 - GPP
662	11.30	0.140	0.36	0.81	75	882	66	16 343	-905.0	1 853.3	1995	97 07
64	2.00	0.220	0.64	0.80	91	894	56		-888.8	1 890.0	1996	97 06
4 772	2.00	0.090	0.10	0.76	166	796	77	19 164	-1 452.3	2 364.5	1959	97 12 - GPP
740	1.81	0.150	0.56	0.95	42	837	29	5 240	-109.6	777.5	1976	93 01 - ABAND 92 09
32	3.90	0.120	0.48	0.88	98	830	47	11 094	-561.3	1 548.7	1991	96 04 - ABAND 96 03
32	3.70	0.120	0.43	0.80	80	810	49	11 192	-575.4	1 550.5	1991	96 08 - GPP
64	2.00	0.050	0.15	0.71	120	820	63	17 017	-1 119.4	2 104.0	1988	88 12 - GPP
32	4.00	0.150	0.10	0.72	125	811	88	17 123	-1 497.0	2 461.2	1981	97 05 - ABAND 97 01
64	2.40	0.083	0.15	0.72	110	778	80	32 293	-1 450.2	2 432.7	1983	96 12
64	1.70	0.085	0.20	0.53	165	805	97	32 535	-1 688.6	2 738.7	1985	87 12 - ABAND 93 03
64	1.58	0.114	0.16	0.72	110	786	95	27 389	-1 422.5	2 393.9	1986	86 09 - GPP
128	3.00	0.085	0.30	0.76	260	812	96	38 634	-1 708.5	2 787.4	1988	89 12
1 156	1.38	0.110	0.25	0.76	96	807	85	26 693	-1 466.8	2 462.3	1990	93 12
64	1.60	0.170	0.17	0.74	116	821	78	30 314	-1 542.8	2 549.3	1990	91 05
16	1.80	0.090	0.25	0.79	114	814	89	31 738	-1 706.6	2 803.4	1989	96 07
64	3.50	0.100	0.26	0.76	81	795	96	23 040	-1 546.5	2 542.2	1992	93 05 - GPP
64	1.50	0.130	0.35	0.76	96	809	92	27 307	-1 410.5	2 406.5	1993	95 01
64	2.00	0.130	0.20	0.76	96	809	92	25 497	-1 474.9	2 473.2	1994	96 07 - GPP
64	2.40	0.115	0.22	0.74	160	826	92	25 668	-1 499.7	2 497.9	1991	97 12 - GPP
61	85.63	0.100	0.12	0.62	208	815	100	38 330	-1 993.2	2 930.8	1977	93 12 - GPP
60	90.35	0.110	0.14	0.78	130	824	104	31 989	-2 056.6	3 033.3	1979	85 02 - GPP
88	47.29	0.117	0.07	0.53	328	798	104	40 841	-2 131.6	3 141.2	1979	93 12 - GPP

TABLE 2-6

FIELD POOL	1	2	3	4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
WHITECOURT 060-11W5								
VIKING A	32.3	<0.02		0.5		0.5	0.5	
VIKING C	73.1	0.10		7.3		7.3	5.7	1.6
JURASSIC K	89.8	0.20		18.0		18.0	14.8	3.2
JURASSIC L	156.0	<0.01		0.1		0.1	0.1	
PEKISKO F	62.8	<0.01		0.2		0.2	0.2	
FIELD TOTAL	414.0			26.1		26.1	21.3	4.8
WHITEHORSE 049-15W5								
CARDIUM A	97.2	0.10		9.7		9.7	5.0	4.7
FIELD TOTAL	97.2			9.7		9.7	5.0	4.7
WHITEMUD 051-25W4								
BLAIRMORE	238.0	<0.18		42.2		42.2	42.2	
ELLERSLIE A	108.0	0.05		5.4		5.4	0.4	5.0
FIELD TOTAL	346.0			47.6		47.6	42.6	5.0
WIDEWATER 073-07W5								
GILWOOD A	1 008.0	0.35		353.0		353.0	308.1	44.9
FIELD TOTAL	1 008.0			353.0		353.0	308.1	44.9
WILDUNN CREEK 029-14W4								
BANFF A	158.0	0.10		15.8		15.8	5.2	10.6
FIELD TOTAL	158.0			15.8		15.8	5.2	10.6
WILDWOOD 054-09W5								
BASAL QUARTZ A	204.0	0.02		4.1		4.1	2.6	1.5
PEKISKO A	499.0	<0.02		8.5		8.5	8.5	
FIELD TOTAL	703.0			12.6		12.6	11.1	1.5
WILLESDEN GREEN 042-07W5								
BELLY RIVER A WATER FLOOD	1 220.0	0.06	0.06	73.2	73.2	146.0	128.2	17.8
BELLY RIVER B	2 179.0	0.02		43.6		43.6	38.5	5.1
BELLY RIVER C	42.5	0.15		6.4		6.4	6.0	0.4
BELLY RIVER H	331.0	0.14		46.3		46.3	43.0	3.3
BELLY RIVER J	200.0	0.10		20.0		20.0	18.4	1.6
BELLY RIVER L	307.0	0.05		15.4		15.4	9.6	5.8
BELLY RIVER M	351.0	<0.01		0.1		0.1	0.1	
BELLY RIVER N	628.0	0.01		6.3		6.3	2.6	3.7
BELLY RIVER O	325.0	0.03		9.8		9.8	5.9	3.9
BELLY RIVER Q	359.0	<0.01		0.6		0.6	0.6	
BELLY RIVER R	56.8	<0.05		2.7		2.7	2.7	
BELLY RIVER T	41.3	<0.05		1.9		1.9	1.9	
BELLY RIVER Y	85.5	0.10		8.6		8.6	1.8	6.8
BELLY RIVER Z	124.0	<0.01		0.4		0.4	0.4	
BELLY RIVER BB	46.3	<0.04		1.7		1.7	1.7	
BELLY RIVER DD	17.5	<0.03		0.5		0.5	0.5	
BELLY RIVER EE	388.0	0.07		27.2		27.2	24.9	2.3
BELLY RIVER HH	148.0	<0.01		0.3		0.3	0.3	
BELLY RIVER II	426.0	0.05		21.3		21.3	14.0	7.3
BELLY RIVER JJ	115.0	0.06		6.9		6.9	6.3	0.6
BELLY RIVER MM	217.0	0.10		21.7		21.7	7.6	14.1
BELLY RIVER NN	88.8	0.05		4.4		4.4	1.2	3.2
BELLY RIVER OO	457.0	0.05		22.9		22.9	13.7	9.2
BELLY RIVER QQ	216.0	0.05		10.8		10.8	7.9	2.9
BELLY RIVER SS	39.9	<0.01		0.1		0.1	0.1	
BELLY RIVER TT	209.0	0.02		4.2		4.2	2.4	1.8
BELLY RIVER UU	147.0	0.10		14.7		14.7	3.5	11.2
BELLY RIVER VV	160.0	<0.01		0.2		0.2	0.2	
BELLY RIVER WW	101.0	<0.01		0.7		0.7	0.7	
BELLY RIVER W & X	63.7	<0.07		4.3		4.3	4.3	
BELLY RIVER FF & XX	114.0	0.10		11.4		11.4	0.6	10.8
BELLY RIVER RR & MMM	550.0	0.06		33.0		33.0	29.1	3.9
BELLY RIVER AAA	89.2	0.10		8.9		8.9	5.9	3.0

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m^3/m^3	kg/m^3	°C	kPa	m MSL	m KB		
65	0.61	0.170	0.40	0.80	82	844	66	8 360	-459.0	1 252.4	1968	71 05 - ABAND 70 05
64	1.75	0.150	0.50	0.87	50	836	56	8 560	-484.9	1 278.3	1988	93 08 - GPP
64	3.00	0.110	0.50	0.85	52	864	68	13 432	-866.2	1 715.1	1976	97 10 - GPP
16	9.55	0.185	0.38	0.89	88	887	70	16 396	-919.0	1 826.6	1987	93 10 - ABAND 93 06
16	4.00	0.180	0.38	0.88	47	951	62	12 764	-766.4	1 532.5	1987	94 08 - ABAND 94 05
64	3.00	0.090	0.25	0.75	285	749	60	24 393	-1 123.7	2 187.5	1978	94 10 - GPP
81	3.47	0.150	0.30	0.81	77	839	53	9 292	-547.2	1 243.0	1949	74 12 - ABAND 70 09
32	3.20	0.190	0.30	0.79	97	840	54	9 500	-575.9	1 265.0	1987	96 03
285	3.70	0.170	0.27	0.77	95	817	62	18 916	-1 154.5	1 852.9	1990	95 12
64	3.90	0.080	0.10	0.88	51	877	43	9 215	-322.1	1 117.5	1990	91 07 - GPP
64	4.20	0.130	0.20	0.73	128	839	65	16 507	-966.4	1 767.5	1980	86 12 - GPP
128	5.21	0.120	0.22	0.80	75	852	58	13 066	-913.7	1 732.5	1982	89 12 - ABAND 95 10
324	4.24	0.140	0.28	0.88	62	815	53	8 491	-430.2	1 542.8	1961	85 12 - GPP
512	4.86	0.137	0.23	0.83	62	815	54	9 315	-470.2	1 568.6	1956	89 12 - GPP
30	1.22	0.200	0.30	0.83	60	815	53	9 097	-427.1	1 547.5	1961	90 07 - GPP
64	6.85	0.130	0.30	0.83	62	820	47	9 252	-636.7	1 596.2	1968	96 12 - GPP
245	0.91	0.154	0.30	0.83	59	815	52	9 474	-591.9	1 529.2	1955	88 12 - GPP
64	5.24	0.153	0.28	0.83	67	815	53	9 041	-419.4	1 486.5	1962	95 12 - GPP
64	6.30	0.150	0.30	0.83	58	815	52	7 681	-309.3	1 390.0	1978	82 12
128	7.70	0.137	0.44	0.83	65	825	56	8 264	-430.8	1 413.5	1981	96 08 - GPP
64	5.90	0.140	0.26	0.83	66	831	42	8 729	-411.0	1 461.2	1982	86 12 - GPP
64	5.30	0.150	0.15	0.83	65	773	55	8 752	-414.1	1 532.1	1982	85 12 - ABAND 82 12
16	5.98	0.130	0.45	0.83	61	835	55	8 257	-390.5	1 391.6	1982	96 07 - GPP
16	3.70	0.120	0.30	0.83	61	835	55	10 238	-648.0	1 578.7	1983	96 07 - ABAND 96 10
32	4.60	0.140	0.50	0.83	61	835	55	14 596	-566.3	1 542.9	1962	92 06 - GPP
64	2.00	0.180	0.35	0.83	70	844	40	9 240	-445.3	1 509.0	1983	88 12
16	4.59	0.152	0.50	0.83	70	835	51	9 890	-483.7	1 460.8	1984	96 07 - GPP
16	2.00	0.120	0.45	0.83	65	825	55	10 063	-552.7	1 527.5	1985	96 07 - GPP
128	4.21	0.124	0.30	0.83	68	823	52	8 346	-583.7	1 609.5	1982	90 04 - GPP
64	5.00	0.110	0.40	0.70	130	782	54	10 961	-543.8	1 630.1	1987	87 08
128	9.18	0.118	0.63	0.83	65	835	51	9 874	-517.5	1 555.4	1987	88 01 - GPP
64	3.60	0.120	0.50	0.83	65	835	51	8 428	-475.7	1 593.3	1987	96 12 - GPP
128	2.41	0.128	0.33	0.82	68	816	51	7 624	-365.3	1 360.9	1987	89 05 - GPP
32	3.92	0.133	0.24	0.70	130	781	54	7 966	-405.0	1 530.5	1987	96 08 - GPP
201	2.53	0.161	0.32	0.82	63	810	49	7 525	-394.7	1 418.7	1987	91 12 - GPP
128	2.61	0.140	0.34	0.70	130	782	54	9 673	-438.3	1 500.0	1987	96 09 - GPP
16	3.90	0.110	0.30	0.83	65	848	52	8 867	-602.6	1 580.7	1976	96 07
64	4.00	0.155	0.38	0.85	54	831	53	7 712	-343.5	1 370.8	1988	96 08 - GPP
64	3.80	0.150	0.47	0.76	103	824	54	8 745	-391.3	1 431.0	1973	89 05 - GPP
64	2.40	0.180	0.32	0.85	54	782	53	13 479	-407.4	1 432.7	1989	92 10
16	10.50	0.140	0.50	0.86	121	876	54	14 132	-483.7	1 566.8	1983	96 07 - GPP
16	7.29	0.120	0.35	0.70	61	835	55	13 620	-564.0	1 505.6	1964	96 07 - GPP
64	2.45	0.135	0.35	0.83	130	815	54	8 571	-487.0	1 540.8	1986	87 05
96	7.27	0.150	0.28	0.73	130	781	54	8 857	-430.3	1 523.6	1988	97 03 - GPP
32	4.00	0.150	0.46	0.86	121	782	54	8 174	-447.5	1 479.8	1992	93 07 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
WILLESDEN GREEN 042-07W5 (CONTINUED)								
BELLY RIVER DDD	347.0	0.10		34.7		34.7	13.2	21.5
BELLY RIVER FFF	73.6	0.10		7.4		7.4	3.6	3.8
BELLY RIVER GGG	1 233.0	0.15		185.0		185.0	37.1	147.9
BELLY RIVER HHH	72.7	0.10		7.3		7.3	0.4	6.9
BELLY RIVER III	159.0	0.10		15.9		15.9	1.5	14.4
BELLY RIVER JJJ	68.0	0.10		6.8		6.8	1.9	4.9
BELLY RIVER LLL	104.0	0.20		20.8		20.8	0.7	20.1
BELLY RIVER NNN	314.0	0.05		15.7		15.7	0.4	15.3
CARDIUM D	122.0	0.07		8.6		8.6	4.3	4.3
CARDIUM E	409.0	0.10		40.9		40.9	39.7	1.2
CARDIUM G	22.0	<0.08		1.7		1.7	1.7	
CARDIUM H	170.0	0.11		18.7		18.7	16.8	1.9
CARDIUM I	190.0	0.10		19.0		19.0	7.2	11.8
CARDIUM J	60.7	<0.05		2.5		2.5	2.5	
CARDIUM K	86.9	<0.02		1.3		1.3	1.3	
CARDIUM L	76.6	<0.01		0.1		0.1	0.1	
CARDIUM A MU #1 TOTAL	141 600.0			11 580.0	12 070.0	23 650.0	19 937.1	3 712.9
PRIMARY AREA	37 520.0	0.06		2 251.0		2 251.0		
WATER FLOOD AREA	68 500.0	0.10	0.14	6 850.0	9 590.0	16 440.0		
GAS FLOOD AREA	35 600.0	<0.07	0.07	2 480.0	2 480.0	4 960.0		
SECOND WHITE SPECKS A	54.7	<0.13		7.0		7.0	7.0	
SECOND WHITE SPECKS B	182.0	0.10		18.2		18.2	9.7	8.5
SECOND WHITE SPECKS E	573.0	0.15		86.0		86.0	72.9	13.1
SECOND WHITE SPECKS F	294.0	0.06		19.1		19.1	17.5	1.6
SECOND WHITE SPECKS G	106.0	<0.02		1.2		1.2	1.2	
SECOND WHITE SPECKS H	219.0	0.10		21.9		21.9	9.5	12.4
SECOND WHITE SPECKS I	356.0	0.03		10.7		10.7	6.1	4.6
SECOND WHITE SPECKS L	7 517.0	0.03		226.0		226.0	79.4	146.6
SECOND WHITE SPECKS M	166.0	0.03		5.0		5.0	5.0	
SECOND WHITE SPECKS N	336.0	0.10		33.6		33.6	9.4	24.2
SECOND WHITE SPECKS P	385.0	0.10		38.5		38.5	3.7	34.8
SECOND WHITE SPECKS Q	169.0	0.05		8.5		8.5	0.5	8.0
SECOND WHITE SPECKS R	299.0	0.05		15.0		15.0	1.1	13.9
SECOND WHITE SPECKS D & VIKING G	865.0	0.06		51.9		51.9	47.5	4.4
VIKING A	7 103.0	<0.10		670.0		670.0	651.6	18.4
VIKING B	524.0	0.26		136.0		136.0	131.7	4.3
VIKING H	1 650.0	0.06		99.0		99.0	81.9	17.1
VIKING L	28.7	<0.09		2.4		2.4	2.4	
VIKING M	50.7	<0.02		0.6		0.6	0.6	
VIKING O	19.3	<0.03		0.5		0.5	0.5	
VIKING R	186.0	0.10		18.6		18.6	10.3	8.3
VIKING T	44.9	<0.09		3.9		3.9	3.9	
VIKING V	12.3	0.16		2.0		2.0	1.9	0.1
VIKING W	90.1	<0.11		9.7		9.7	9.7	
VIKING Y	39.8	<0.02		0.5		0.5	0.5	
VIKING Z	440.0	0.06		26.4		26.4	22.6	3.8
VIKING AA	24.4	0.24		5.9		5.9	5.2	0.7
VIKING BB	37.9	<0.11		4.0		4.0	4.0	
VIKING DD	14.9	<0.09		1.2		1.2	1.2	
VIKING EE	45.9	<0.12		5.2		5.2	5.2	
VIKING GG	66.8	0.15		10.0		10.0	4.3	5.7
GLAUCONITIC D	102.0	0.05		5.1		5.1	1.0	4.1
GLAUCONITIC E	81.3	<0.03		1.7		1.7	1.7	
GLAUCONITIC H	71.1	<0.01		0.2		0.2	0.2	
GLAUCONITIC A & ELLERSLIE D TOTAL	1 629.0			234.0	70.5	305.0	264.7	40.3

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
128	3.84	0.140	0.40	0.84	61	825	55	10 679	-521.4	1 600.9	1992	94 01 - GPP
16	6.60	0.140	0.40	0.83	65	848	52	9 139	-432.9	1 365.9	1976	94 08 - GPP
473	3.49	0.150	0.40	0.83	65	848	52	8 478	-396.2	1 412.4	1995	97 06
32	4.00	0.110	0.40	0.86	121	782	54	9 768	-403.2	1 412.5	1995	96 01
64	3.70	0.150	0.48	0.86	121	782	54	8 080	-483.8	1 546.0	1978	96 04 - GPP
64	1.80	0.140	0.51	0.86	121	782	60	8 198	-498.9	1 519.4	1978	96 04 - GPP
64	2.30	0.150	0.45	0.86	120	782	54	10 754	-520.9	1 584.8	1978	96 07 - GPP
32	12.50	0.170	0.43	0.81	108	783	40	6 524	-307.0	1 292.5	1979	96 12
65	4.27	0.080	0.15	0.65	177	825	60	20 288	-912.4	1 824.4	1976	78 09
192	4.26	0.100	0.23	0.65	176	830	55	20 431	-883.4	1 914.1	1978	85 12 - GPP
16	2.90	0.100	0.34	0.72	49	844	60	20 774	-884.3	1 905.4	1965	96 07 - GPP
64	2.78	0.150	0.15	0.75	110	834	60	20 889	-938.9	1 914.6	1975	91 12 - GPP
64	3.00	0.150	0.13	0.76	100	832	60	19 729	-994.4	1 985.3	1979	79 12 - GPP
16	4.40	0.130	0.15	0.78	97	830	68	20 278	-906.7	1 913.2	1983	96 07 - GPP
64	2.00	0.100	0.13	0.78	97	830	68	19 925	-1 064.0	2 012.0	1979	88 12 - ABAND 94 05
64	1.80	0.140	0.34	0.72	110	830	71	21 632	-1 083.6	2 056.0	1980	87 09 - ABAND 89 03
73 397					176	820	60	22 233	-889.9	1 850.8	1954	94 12 - GPP
30 170	1.90	0.114	0.13	0.66								
32 914	2.29	0.153	0.10	0.66								
10 313	4.83	0.111	0.13	0.74								
100	1.22	0.080	0.20	0.70	149	801	71	21 608	-1 051.9	2 050.7	1975	96 04 - ABAND 95 12
16	10.80	0.220	0.25	0.64	187	818	40	22 944	-1 066.8	2 078.7	1979	96 12 - GPP
242	9.87	0.050	0.25	0.64	180	815	62	23 639	-1 070.0	2 164.8	1985	91 02 - GPP
192	3.59	0.090	0.26	0.64	187	833	69	22 350	-1 119.7	2 128.9	1982	93 12 - GPP
4	35.20	0.150	0.30	0.72	125	820	72	24 733	-1 185.3	2 201.0	1981	92 11 - ABAND 95 10
32	17.00	0.090	0.30	0.64	187	833	69	22 300	-1 146.4	2 121.0	1985	93 12 - GPP
64	13.80	0.090	0.30	0.64	187	833	69	23 423	-1 150.5	2 126.6	1985	96 08 - GPP
790	16.52	0.120	0.25	0.64	187	834	69	20 917	-1 006.9	2 054.2	1989	94 07
16	18.00	0.120	0.25	0.64	187	834	69	22 152	-1 037.1	2 072.0	1989	96 07
64	12.50	0.080	0.25	0.70	129	825	64	22 150	-1 097.6	2 098.3	1989	92 01 - GPP
192	5.60	0.080	0.30	0.64	187	833	69	24 990	-1 175.3	2 171.2	1995	97 09
64	5.70	0.080	0.25	0.77	96	826	64		-1 186.9	2 188.4	1996	97 07
32	13.50	0.120	0.25	0.77	96	826	64		-1 012.0	2 090.8	1996	97 11
128	17.63	0.088	0.33	0.65	186	833	69	25 988	-1 172.0	2 151.4	1979	94 03 - GPP
7 900	2.41	0.082	0.30	0.65	154	834	74	25 383	-1 199.1	2 211.6	1956	97 12 - GPP
800	1.65	0.090	0.30	0.63	177	815	79	22 762	-1 064.2	2 089.2	1955	97 12 - GPP
384	4.90	0.160	0.13	0.63	180	800	86	22 905	-1 229.1	2 289.9	1983	97 12 - GPP
64	1.10	0.100	0.40	0.68	170	842	57	23 462	-1 106.1	2 126.2	1983	89 12
64	1.30	0.130	0.31	0.68	210	823	70	22 769	-1 217.7	2 277.9	1983	84 10 - ABAND 86 02
64	1.00	0.090	0.50	0.67	166	832	81	24 074	-1 241.5	2 204.5	1984	84 10 - ABAND 86 08
554	0.92	0.080	0.32	0.67	166	832	81	21 998	-1 200.4	2 196.7	1981	94 11 - GPP
32	5.04	0.063	0.35	0.68	165	824	65	21 514	-1 241.0	2 209.3	1983	96 07 - GPP
64	0.85	0.060	0.40	0.63	177	818	86	18 931	-1 121.0	2 239.3	1983	96 12 - GPP
64	4.00	0.080	0.45	0.80	160	836	61	26 392	-1 191.0	2 175.2	1984	96 07 - GPP
64	1.77	0.076	0.30	0.66	170	818	80	24 297	-1 276.5	2 287.3	1982	92 10
512	2.08	0.088	0.29	0.66	150	796	79	22 958	-1 239.5	2 271.2	1982	93 12 - GPP
64	1.00	0.080	0.30	0.68	180	825	70	25 091	-1 424.2	2 402.0	1983	96 12 - GPP
128	1.00	0.064	0.32	0.68	154	833	38	17 503	-1 057.8	2 135.5	1984	96 07 - GPP
16	2.00	0.105	0.35	0.68	154	834	74	19 661	-1 069.7	2 109.8	1980	96 07 - ABAND 95 10
64	1.70	0.090	0.30	0.67	166	832	81	27 487	-1 136.7	2 207.2	1989	94 11 - ABAND 93 07
64	3.10	0.090	0.45	0.68	154	834	74	25 638	-1 225.3	2 200.3	1994	96 01
32	4.30	0.150	0.25	0.66	171	846	73	24 561	-1 205.4	2 237.9	1981	96 12
64	2.00	0.110	0.23	0.75	95	870	104	23 125	-1 449.6	2 356.0	1984	91 10 - ABAND 88 07
16	6.60	0.110	0.32	0.90	130	860	86	18 779	-1 368.0	2 397.1	1985	96 07
891					106	876	76	25 211	-1 304.3	2 272.7	1963	89 10 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY PRIMARY	3 RECOVERY ENHANCED	4 INITIAL ESTABLISHED RESERVES PRIMARY	5 INITIAL ESTABLISHED RESERVES ENHANCED	6 INITIAL ESTABLISHED RESERVES TOTAL	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
WILLESDEN GREEN 042-07W5 (CONTINUED)								
PRIMARY AREA	219.0	0.10		21.9		21.9		
WATER FLOOD AREA	1 410.0	0.15	0.05	212.0	70.5	283.0		
OSTRACOD A	151.0	<0.01		0.6		0.6	0.6	
ELLERSLIE B	134.0	0.10		13.4		13.4	7.6	5.8
ELLERSLIE E	92.2	<0.07		5.8		5.8	5.8	
ELLERSLIE F	206.0	<0.01		0.4		0.4	0.4	
ROCK CREEK B	54.0	<0.01		0.2		0.2	0.2	
ROCK CREEK C	135.0	<0.01		1.3		1.3	1.3	
ROCK CREEK D	118.0	<0.01		0.1		0.1		0.1
ROCK CREEK E	28.5	<0.08		2.1		2.1	2.1	
ROCK CREEK F	125.0	0.17		21.3		21.3	19.9	1.4
ROCK CREEK G	337.0	0.05		16.9		16.9	14.6	2.3
ROCK CREEK L	159.0	0.05		8.0		8.0	1.7	6.3
NORDEGG A	95.3	0.05		4.8		4.8	1.1	3.7
PEKISKO A	250.0	0.10		25.0		25.0	5.0	20.0
PEKISKO B	230.0	0.10		23.0		23.0	0.7	22.3
FIELD TOTAL	180 850.8			14 299.3	12 213.7	26 513.1	21 990.7	4 522.4
WILLINGDON 055-17W4								
VIKING H	87.0	<0.01		0.2		0.2	0.2	
FIELD TOTAL	87.0			0.2		0.2	0.2	
WILLOW 028-17W4								
VIKING B	66.8	0.10		6.7		6.7	2.9	3.8
FIELD TOTAL	66.8			6.7		6.7	2.9	3.8
WILSON CREEK 043-04W5								
BELLY RIVER D	1 811.0	0.08		145.0		145.0	140.6	4.4
BELLY RIVER F	64.0	<0.01		0.3		0.3	0.3	
BELLY RIVER H	285.0	0.05		14.3		14.3	5.8	8.5
BELLY RIVER I	449.0	0.14		62.9		62.9	41.8	21.1
BELLY RIVER J	237.0	0.05		11.8		11.8	4.4	7.4
BELLY RIVER O	66.7	0.10		6.7		6.7	0.4	6.3
BELLY RIVER A & M	14 460.0	<0.04		525.0		525.0	443.4	81.6
CARDIUM A	117.0	<0.01		0.6		0.6	0.6	
CARDIUM B	354.0	0.05		17.7		17.7	10.2	7.5
CARDIUM C	111.0	<0.02		1.4		1.4	1.4	
SECOND WHITE SPECKS A	79.5	<0.01		0.5		0.5	0.5	
SECOND WHITE SPECKS B	309.0	0.10		30.9		30.9	0.7	30.2
VIKING A	229.0	0.25		57.3		57.3	41.8	15.5
VIKING B	115.0	0.20		23.0		23.0	9.6	13.4
GLAUCONITIC F	210.0	0.06		12.6		12.6	6.2	6.4
OSTRACOD A	99.6	0.05		5.0		5.0	1.2	3.8
BANFF B	224.0	<0.02		4.3		4.3	4.3	
BANFF D	159.0	0.05		8.0		8.0	0.4	7.6
BANFF E	67.0	0.10		6.7		6.7	0.2	6.5
FIELD TOTAL	19 446.8			934.0		934.0	713.8	220.2
WIMBORNE 033-26W4								
GLAUCONITIC B	454.0	0.05		22.7		22.7	18.9	3.8
PEKISKO C	66.7	<0.01		0.1		0.1	0.1	
PEKISKO D	111.0	<0.01		0.1		0.1	0.1	
D-2 A	4 442.0	0.10		444.0		444.0	234.0	210.0
D-2 B	1 600.0	0.25		400.0		400.0	342.3	57.7
D-3 A	13 000.0	0.36		4 680.0		4 680.0	4 327.9	352.1
FIELD TOTAL	19 673.7			5 546.9		5 546.9	4 923.3	623.6
WINDFALL 060-15W5								
UPPER MANNVILLE D	84.1	<0.02		1.2		1.2	1.2	
BLUESKY A & GETHING J	1 112.0	0.10		111.0		111.0	41.2	69.8
GETHING D	24.2	<0.08		1.9		1.9	1.9	
RUNDLE A	2 000.0	0.22		440.0		440.0	405.8	34.2
PEKISKO C	127.0	<0.01		1.2		1.2	1.2	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
124	3.58	0.102	0.30	0.69								
767	3.20	0.119	0.30	0.69								
64	3.20	0.130	0.18	0.69	145	838	72	22 707	-1 401.6	2 402.3	1989	90 12 - ABAND 91 07
64	5.20	0.100	0.32	0.59	180	831	86	21 248	-1 389.8	2 404.2	1983	84 09 - GPP
64	2.00	0.120	0.20	0.75	105	850	59	22 004	-1 385.5	2 386.0	1985	96 07 - GPP
64	3.00	0.170	0.11	0.71	125	836	88	23 216	-1 485.0	2 484.2	1985	85 09
64	3.15	0.054	0.38	0.80	83	896	70	20 897	-1 404.9	2 366.3	1982	88 12 - ABAND 84 12
64	5.00	0.090	0.30	0.67	145	835	86	21 304	-1 438.4	2 508.6	1983	92 10 - ABAND 96 06
64	3.00	0.093	0.15	0.78	79	891	70	18 834	-1 503.0	2 487.0	1982	83 10 - ABAND 87 12
32	2.18	0.087	0.30	0.67	142	812	90	21 291	-1 439.8	2 412.2	1984	96 07
80	4.20	0.087	0.21	0.54	160	812	89	22 902	-1 419.6	2 483.5	1983	96 12 - GPP
64	9.87	0.120	0.43	0.78	142	867	78	17 282	-1 321.7	2 346.5	1986	94 08 - GPP
64	3.00	0.140	0.26	0.80	89	833	65		-1 381.1	2 390.5	1994	97 07 - GPP
64	3.90	0.095	0.40	0.67	290	830	96	21 768	-1 487.9	2 512.6	1987	96 03 - GPP
64	4.26	0.120	0.15	0.90	22	892	84	19 238	-1 306.3	2 276.2	1994	95 08
32	5.50	0.190	0.15	0.81	74	892	73		-1 306.8	2 339.3	1994	97 05 - GPP
64	1.10	0.240	0.44	0.92	30	878	28	5 110	31.9	648.5	1985	86 03 - ABAND 86 10
64	2.00	0.120	0.50	0.87	50	811	39	6 433	-221.3	1 109.8	1982	97 01
503	4.72	0.150	0.38	0.82	82	815	42	8 458	-347.2	1 310.1	1966	94 12 - GPP
32	2.50	0.150	0.35	0.82	65	800	74	7 559	-379.2	1 340.3	1987	95 05 - ABAND 94 12
64	6.40	0.140	0.30	0.71	67	807	51	7 623	-324.0	1 281.2	1988	89 09 - GPP
64	8.48	0.140	0.28	0.82	75	830	48	7 716	-328.7	1 357.4	1988	97 12
64	5.50	0.140	0.42	0.83	70	827	35	7 436	-301.0	1 288.6	1972	89 10 - GPP
64	2.20	0.130	0.55	0.81	108	830	40		-366.5	1 350.1	1996	97 04
4 040	5.31	0.140	0.42	0.83	62	833	68	6 791	-325.2	1 288.1	1979	97 03 - GPP
64	3.50	0.090	0.30	0.83	65	805	58	15 179	-651.4	1 617.1	1982	83 06 - ABAND 87 11
128	2.93	0.150	0.10	0.70	133	829	59	15 091	-639.0	1 626.6	1971	79 07 - GPP
64	2.78	0.097	0.20	0.80	65	805	58	9 867	-639.2	1 607.5	1983	88 12 - ABAND 87 05
64	4.00	0.090	0.50	0.69	130	834	66	15 755	-810.3	1 768.9	1987	92 10 - ABAND 92 10
64	12.00	0.080	0.25	0.67	175	827	52	21 325	-923.8	1 890.0	1967	96 08
656	0.73	0.110	0.42	0.75	98	837	72	15 180	-966.4	1 923.2	1987	97 09
128	1.21	0.140	0.32	0.78	90	837	72	16 283	-1 018.7	1 987.7	1996	97 01 - GPP
64	4.95	0.110	0.30	0.86	40	862	79	16 274	-1 038.5	2 039.0	1979	96 08 - GPP
64	1.70	0.150	0.14	0.71	122	841	64	22 665	-1 172.1	2 199.7	1987	95 03
64	4.57	0.111	0.20	0.86	53	876	66	19 801	-1 289.9	2 254.0	1974	83 12 - ABAND 92 09
64	3.20	0.100	0.10	0.86	132	851	87	19 344	-1 231.5	2 188.1	1994	95 02 - GPP
32	5.70	0.070	0.31	0.76	104	866	82	19 240	-1 272.2	2 240.0	1996	97 07
64	6.16	0.200	0.28	0.80	220	766	76	14 854	-852.7	1 772.0	1977	96 08 - GPP
32	4.80	0.080	0.33	0.81	79	866	73	8 419	-866.8	1 836.1	1957	94 11 - ABAND 92 04
16	14.70	0.090	0.35	0.81	79	866	73	10 711	-879.5	1 846.3	1993	97 02
1 214	12.00	0.060	0.23	0.66	160	834	78	20 552	-1 294.4	2 251.4	1961	96 08 - GPP
1 793	3.33	0.050	0.20	0.67	210	829	74	20 262	-1 252.7	2 220.2	1956	93 12 - GPP
6 897	4.50	0.070	0.12	0.68	206	820	79	21 256	-1 310.0	2 284.4	1954	95 12 - GPP
64	2.16	0.110	0.21	0.70	160	834	82	19 451	-1 039.6	2 064.6	1977	88 08 - ABAND 95 02
561	2.86	0.120	0.24	0.76	102	849	63	20 238	-1 015.4	2 001.9	1976	97 11 - GPP
16	3.00	0.120	0.40	0.70	156	824	82	15 405	-1 063.6	2 098.7	1979	96 07 - ABAND 96 07
864	3.35	0.120	0.20	0.72	118	834	82	17 526	-1 134.9	2 082.4	1957	97 12 - GPP
64	3.00	0.130	0.42	0.88	47	886	61	17 889	-1 179.1	2 187.5	1989	96 12 - ABAND 89 10

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 ENHANCED 10^3m^3	6 TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
WINDFALL 060-15W5 (CONTINUED)								
D-2 A	183.0	0.20		36.6		36.6	23.1	13.5
D-3 A	13 400.0	0.25		3 350.0		3 350.0	2 691.2	658.8
D-3 B TOTAL	1 310.0			104.0	32.4	136.0	133.6	2.4
PRIMARY AREA	500.0	<0.05		23.3		23.3		
GAS FLOOD AREA	810.0	0.10	0.04	81.0	32.4	113.0		
D-3 C	795.0	0.10		79.5		79.5	44.2	35.3
D-3 F	381.0	0.20		76.2		76.2	53.7	22.5
D-3 G	157.0	0.20		31.4		31.4	18.9	12.5
D-3 H	59.5	<0.01		0.5		0.5	0.5	
D-3 I	111.0	0.10		11.1		11.1	3.0	8.1
FIELD TOTAL	19 743.8			4 244.6	32.4	4 276.6	3 419.5	857.1
WINTERING HILLS 025-17W4								
VIKING A	1 400.0	0.44		616.0		616.0	555.7	60.3
VIKING P	112.0	<0.08		8.4		8.4	8.4	
VIKING Q	41.3	<0.01		0.1		0.1	0.1	
VIKING S	175.0	<0.01		0.8		0.8	0.8	
UPPER MANNVILLE S	25.3	<0.01		0.2		0.2	0.2	
GLAUC III.L MANN W & UPPER MANNVILLE I	1 885.0	<0.03		44.0		44.0	39.2	4.8
LOWER MANNVILLE A	2 210.0	0.04		88.4		88.4	65.8	22.6
LOWER MANNVILLE L	148.0	<0.01		1.2		1.2	1.2	
LOWER MANNVILLE Q	210.0	<0.01		0.7		0.7	0.7	
LOWER MANNVILLE R	129.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE T	660.0	0.06		39.6		39.6	37.4	2.2
LOWER MANNVILLE V	152.0	0.01		1.5		1.5	1.5	
ELLERSLIE A	115.0	<0.02		1.4		1.4	0.9	0.5
FIELD TOTAL	7 262.6			802.4		802.4	712.0	90.4
WIZARD LAKE 048-27W4								
BASAL QUARTZ A	79.3	<0.01		0.5		0.5	0.5	
BASAL QUARTZ B	86.6	<0.01		0.3		0.3	0.3	
D-2 A	613.0	<0.17		103.5		103.5	103.5	
D-3 A SOLVENT FLOOD	63 900.0	<0.66	0.19	42 170.0	12 130.0	54 300.0	53 495.2	804.8
D-3 B	160.0	<0.07		10.8		10.8	10.8	
FIELD TOTAL	64 838.9			42 285.1	12 130.0	54 415.1	53 610.3	804.8
WOKING 075-04W6								
HALFWAY A	255.0	<0.03		7.4		7.4	7.4	
HALFWAY B	1 756.0	0.10		176.0		176.0	81.4	94.6
FIELD TOTAL	2 011.0			183.4		183.4	88.8	94.6
WOOD RIVER 043-23W4								
LOWER MANNVILLE A	366.0	0.20		73.2		73.2	53.1	20.1
LOWER MANNVILLE F	33.4	<0.01		0.1		0.1	0.1	
D-2 A	1 250.0	0.20		250.0		250.0	210.5	39.5
D-2 B	673.0	0.19		128.0		128.0	115.1	12.9
D-2 C WATER FLOOD	1 150.0	0.35	0.18	403.0	207.0	610.0	595.9	14.1
D-2 D	630.0	0.08		50.4		50.4	50.4	
D-2 E WATER FLOOD	1 075.0	0.35	0.15	376.0	162.0	538.0	467.5	70.5
D-2 G	473.0	0.10		47.3		47.3	4.2	43.1
D-3 A	551.0	0.15		82.7		82.7	58.4	24.3
D-3 B	290.0	0.30		87.0		87.0	53.2	33.8
D-3 C	124.0	0.25		31.0		31.0	14.3	16.7
FIELD TOTAL	6 615.4			1 528.7	369.0	1 897.7	1 622.7	275.0
WORSLEY 087-07W6								
CHARLIE LAKE A	826.0	0.35		289.0		289.0	248.9	40.1
CHARLIE LAKE B	7 256.0	0.12		871.0		871.0	614.6	256.4
CHARLIE LAKE C	59.6	<0.02		0.8		0.8	0.8	
CHARLIE LAKE D	83.3	<0.01		0.1		0.1	0.1	
CHARLIE LAKE G	26.1	<0.01		0.1		0.1	0.1	
CHARLIE LAKE L	124.0	0.05		6.2		6.2	1.0	5.2
CHARLIE LAKE H & J	5 440.0	0.05		272.0		272.0	111.5	160.5
D-1 A	63.9	<0.07		4.4		4.4	4.4	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
64	7.90	0.090	0.24	0.53	327	811	96	18 653	-1 719.2	2 543.4	1978	97 12
5 859	8.84	0.060	0.12	0.49	336	811	104	26 025	-1 768.9	2 593.9	1955	97 12 - GPP
424					243	825	103	25 084	-1 865.3	2 635.1	1972	96 09 - GPP
168	12.50	0.050	0.12	0.54								
256	13.31	0.050	0.12	0.54								
219	12.00	0.063	0.20	0.60	220	811	103	25 699	-1 882.2	2 747.1	1972	82 09 - GPP
64	11.50	0.100	0.11	0.58	108	779	104	24 425	-1 916.2	2 851.7	1987	90 05 - GPP
16	25.06	0.075	0.10	0.58	283	809	107	24 591	-1 922.2	2 907.8	1987	97 10
16	8.10	0.090	0.12	0.58	28	810	107	23 978	-1 920.2	2 908.1	1990	93 12
32	6.71	0.110	0.19	0.58	200	816	87	23 768	-1 897.3	2 661.1	1970	96 07 - GPP
310	4.01	0.231	0.44	0.87	56	825	27	7 853	-135.5	887.8	1958	96 11 - GPP
16	6.10	0.220	0.40	0.87	57	825	29	7 950	-137.9	869.1	1978	96 07
64	0.90	0.150	0.45	0.87	57	835	29	7 620	-136.7	876.5	1979	83 12 - ABAND 86 12
64	2.10	0.250	0.40	0.87	56	833	56	8 184	-121.9	861.3	1971	86 12 - GPP
16	2.50	0.130	0.44	0.87	60	849	44	8 944	-393.2	1 196.8	1990	96 07 - GPP
923	2.48	0.160	0.38	0.83	90	866	39	9 832	-428.2	1 239.4	1983	97 12 - GPP
356	6.59	0.179	0.35	0.81	45	887	48	9 846	-405.1	1 287.0	1965	97 12 - GPP
64	1.54	0.210	0.15	0.84	66	860	46	9 762	-395.5	1 255.0	1973	92 10 - ABAND 93 07
64	2.90	0.205	0.32	0.81	58	860	36	9 211	-428.0	1 330.3	1979	83 12 - ABAND 88 12
16	10.00	0.150	0.35	0.83	66	857	37	9 176	-423.3	1 322.3	1979	92 11 - ABAND 93 07
64	9.80	0.200	0.35	0.81	45	887	46	9 676	-397.4	1 261.3	1964	93 12 - GPP
16	6.50	0.250	0.28	0.81	64	894	38	9 629	-449.1	1 277.3	1983	92 12 - GPP
16	5.74	0.220	0.30	0.81	45	887	46	9 366	-389.4	1 229.3	1964	83 12 - GPP
32	2.13	0.171	0.20	0.85	50	870	49	10 790	-692.6	1 466.2	1951	61 01 - ABAND 60 04
32	2.44	0.165	0.20	0.84	53	870	49	14 750	-706.0	1 483.5	1952	59 05 - ABAND 60 05
494	5.24	0.041	0.23	0.75	106	839	71	13 662	-908.4	1 693.6	1951	94 11 - ABAND 88 10
1 075	86.96	0.098	0.07	0.75	109	834	72	15 738	-1 155.4	1 941.1	1951	97 03 - GPP
54	4.45	0.095	0.07	0.75	109	834	77	15 961	-1 287.7	2 111.2	1956	72 05 - ABAND 69 12
128	2.62	0.170	0.42	0.77	150	865	65	13 882	-811.2	1 620.8	1982	95 12 - ABAND 94 05
855	3.00	0.130	0.35	0.81	91	828	48	13 930	-812.9	1 540.1	1985	95 01 - GPP
64	5.79	0.170	0.30	0.83	115	847	57	10 740	-643.6	1 453.1	1956	97 11 - GPP
16	2.00	0.200	0.45	0.95	16	967	41	12 934	-708.8	1 588.0	1982	83 07
468	3.93	0.100	0.14	0.79	80	887	60	16 681	-882.3	1 729.8	1964	94 12
61	23.00	0.080	0.20	0.75	80	887	60	15 919	-860.3	1 708.1	1963	96 08 - GPP
187	12.00	0.078	0.10	0.73	133	839	62	15 971	-872.9	1 765.3	1972	92 12 - GPP
31	38.74	0.080	0.17	0.79	98	887	60	16 087	-887.9	1 765.9	1983	97 10 - GPP
108	16.36	0.090	0.11	0.76	109	841	72	16 680	-882.4	1 746.4	1974	92 10 - GPP
64	7.20	0.150	0.10	0.76	107	825	70	15 999	-876.8	1 709.8	1995	96 08
64	9.30	0.130	0.11	0.80	142	865	61	16 102	-896.7	1 694.2	1957	95 03 - GPP
64	8.44	0.080	0.16	0.80	77	868	61	13 335	-923.6	1 782.8	1981	90 12 - GPP
32	6.40	0.100	0.19	0.75	100	825	60	12 662	-935.6	1 798.7	1991	92 04 - GPP
323	2.07	0.190	0.26	0.88	57	844	43	8 445	-284.1	1 089.4	1960	85 08 - GPP
1 330	5.85	0.160	0.33	0.87	74	832	41	8 788	-318.9	1 042.9	1975	91 07 - GPP
16	4.10	0.170	0.40	0.89	39	853	42	7 871	-288.4	1 168.3	1990	96 07 - GPP
32	4.35	0.140	0.52	0.89	44	913	45	8 769	-330.6	1 371.8	1990	95 05 - ABAND 95 02
16	2.00	0.170	0.40	0.80	95	882	20	8 692	-290.4	1 014.9	1991	96 07
32	3.50	0.180	0.30	0.88	51	840	43		-244.2	1 157.2	1993	97 06 - GPP
1 493	4.82	0.140	0.40	0.90	57	775	44	10 613	-397.0	1 152.8	1992	94 09 - GPP
64	6.10	0.030	0.30	0.78	111	832	60	21 114	-1 287.0	1 979.0	1990	96 07 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 ENHANCED 10³m³	6 TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
WORSLEY 087-07W6 (CONTINUED)								
WINTERBURN A	131.0	0.10		13.1		13.1	7.7	5.4
D-2 A	764.0	0.30		229.0		229.0	143.9	85.1
D-2 B	134.0	0.10		13.4		13.4	1.0	12.4
D-3 F	188.0	<0.03		5.2		5.2	5.2	
D-3 M	196.0	0.30		58.8		58.8	21.8	37.0
D-3 O	170.0	0.20		34.0		34.0	20.0	14.0
D-3 R	41.3	0.25		10.3		10.3	4.7	5.6
D-3 B & GRANITE WASH B	147.0	0.07		10.3		10.3	8.0	2.3
FIELD TOTAL	15 650.2			1 817.7		1 817.7	1 193.7	624.0
YEKAU LAKE 052-26W4								
LOWER MANNVILLE A	106.0	<0.04		3.4		3.4	3.4	
LOWER MANNVILLE B	514.0	0.10		51.4		51.4	22.3	29.1
D-1 A	78.7	0.20		15.7		15.7	3.0	12.7
D-2 A	96.1	<0.01		0.1		0.1	0.1	
D-3 A	1 070.0	0.66		706.0		706.0	691.1	14.9
D-3 B	39.4	<0.01		0.3		0.3	0.3	
FIELD TOTAL	1 904.2			776.9		776.9	720.2	56.7
YOUNGSTOWN 031-09W4								
VIKING D	57.3	<0.02		1.0		1.0	1.0	
UPPER MANNVILLE A	90.6	<0.01		0.1		0.1	0.1	
ARCS	2 841.0	0.45		1 278.0		1 278.0	1 170.8	107.2
ARCS B	309.0	<0.05		12.6		12.6	12.6	
FIELD TOTAL	3 297.9			1 291.7		1 291.7	1 184.5	107.2
ZAMA 117-04W6								
SULPHUR POINT B	352.0	<0.01		0.1		0.1	0.1	
SULPHUR POINT C	258.0	<0.02		3.2		3.2	3.2	
SULPHUR POINT D	78.9	<0.04		2.6		2.6	2.6	
SULPHUR POINT F	953.0	<0.09		81.2		81.2	81.2	
SULPHUR POINT R	52.6	<0.05		2.5		2.5	2.5	
SULPHUR POINT T	65.2	0.10		6.5		6.5	1.9	4.6
SULPHUR POINT U	28.5	<0.01		0.2		0.2	0.2	
SULPHUR POINT LL	392.0	0.10		39.2		39.2	3.7	35.5
SULPHUR POINT YY	114.0	0.10		11.4		11.4	0.1	11.3
SULPHUR POINT ZZ	89.8	0.10		9.0		9.0	0.1	8.9
SULPHUR POINT DD & KEG RIVER W5W	261.0	<0.06		14.2		14.2	14.2	
MUSKEG B	120.0	<0.21		24.3		24.3	24.3	
MUSKEG C	210.0	<0.19		39.4		39.4	39.4	
MUSKEG F	254.0	0.20		50.8		50.8	30.2	20.6
MUSKEG G	236.0	<0.08		18.4		18.4	18.4	
MUSKEG H	424.0	0.35		148.0		148.0	94.9	53.1
MUSKEG J	350.0	0.23		80.5		80.5	71.8	8.7
MUSKEG K	29.6	0.01		0.3		0.3	0.3	
MUSKEG L	365.0	<0.20		69.9		69.9	69.9	
MUSKEG N	97.7	<0.17		16.0		16.0	16.0	
MUSKEG O	286.0	<0.16		45.3		45.3	45.3	
MUSKEG P	127.0	<0.12		14.1		14.1	14.1	
MUSKEG R	159.0	0.20		31.8		31.8	30.8	1.0
MUSKEG S	77.8	<0.17		12.5		12.5	12.5	
MUSKEG T	415.0	0.25		104.0		104.0	72.7	31.3
MUSKEG U	268.0	0.30		80.4		80.4	67.8	12.6
MUSKEG V	400.0	0.30		120.0		120.0	99.9	20.1
MUSKEG W	161.0	<0.07		10.8		10.8	10.8	
MUSKEG X	78.9	<0.05		3.8		3.8	3.8	
MUSKEG Y WATER FLOOD	350.0	0.20	0.03	70.0	11.7	81.7	81.7	
MUSKEG AA	80.3	<0.14		10.6		10.6	10.6	
MUSKEG DD	100.0	<0.17		16.8		16.8	16.8	
MUSKEG EE	114.0	<0.29		32.8		32.8	32.8	
MUSKEG GG	365.0	<0.26		94.5		94.5	94.5	
MUSKEG HH	232.0	<0.02		3.2		3.2	3.2	
MUSKEG II	120.0	0.14		16.8		16.8	16.8	
MUSKEG KK	147.0	<0.03		4.4		4.4	4.4	
MUSKEG LL	159.0	<0.22		33.9		33.9	33.9	
MUSKEG MM	47.8	<0.11		4.8		4.8	4.8	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
64	7.50	0.070	0.40	0.65	170	829	76	19 234	-1 310.3	2 221.9	1992	95 08 - GPP
447	3.75	0.080	0.24	0.75	110	823	76	20 239	-1 327.0	2 170.8	1983	92 11 - GPP
64	5.00	0.070	0.20	0.75	110	822	76	21 155	-1 458.0	2 150.0	1990	96 04
204	4.57	0.070	0.55	0.64	106	825	81	22 084	-1 492.9	2 192.7	1961	94 12 - ABAND 94 09
64	7.28	0.070	0.25	0.80	210	803	72	19 302	-1 306.1	2 106.8	1977	92 11
64	3.00	0.130	0.17	0.82	70	842	76	21 754	-1 448.8	2 145.5	1995	96 01 - GPP
32	3.50	0.060	0.25	0.82	70	826	79		-1 648.2	2 380.0	1996	97 05
64	2.50	0.140	0.18	0.80	68	853	85	22 083	-1 538.6	2 251.4	1992	96 12 - GPP
16	7.01	0.150	0.22	0.81	83	855	54	9 573	-543.8	1 257.6	1956	91 12 - ABAND 87 03
85	5.71	0.180	0.30	0.84	58	810	56	10 942	-570.6	1 276.2	1961	97 09 - GPP
64	1.83	0.100	0.20	0.84	61	839	54		-645.1	1 358.0	1961	97 06
65	5.79	0.042	0.24	0.80	83	820	60	11 484	-747.5	1 464.4	1963	64 12 - ABAND 64 07
250	6.58	0.097	0.15	0.79	87	820	63	11 545	-846.1	1 556.4	1955	96 08 - GPP
16	7.32	0.060	0.30	0.80	85	849	61	11 333	-846.0	1 552.7	1967	68 12 - ABAND 68 04
64	1.23	0.140	0.35	0.80	48	834	41	6 510	-120.1	890.3	1977	88 08 - GPP
64	1.10	0.220	0.35	0.90	44	884	34	9 157	-290.5	1 053.8	1979	83 12 - ABAND 88 07
997	2.76	0.150	0.26	0.93	18	860	42	9 125	-369.1	1 132.4	1956	92 07 - GPP
64	4.70	0.130	0.16	0.94	14	839	44	9 014	-380.2	1 148.7	1987	95 10 - ABAND 95 07
65	15.24	0.059	0.30	0.86	52	865	64	12 835	-944.9	1 484.7	1967	69 05
19	25.91	0.070	0.13	0.86	73	839	65	13 021	-955.2	1 339.6	1967	86 12
16	9.75	0.079	0.20	0.80	64	860	64	13 178	-971.6	1 333.7	1967	96 07 - GPP
138	15.95	0.066	0.20	0.82	74	834	69	13 414	-995.9	1 370.5	1967	96 07 - GPP
16	5.49	0.080	0.13	0.86	73	851	65	13 158	-971.5	1 337.9	1967	96 07 - GPP
16	9.30	0.066	0.17	0.80	76	843	68	13 153	-986.6	1 356.3	1985	96 12
16	5.00	0.050	0.12	0.81	76	834	68	13 552	-1 022.4	1 397.3	1986	96 07
64	10.40	0.090	0.22	0.84	65	859	66	12 634	-919.1	1 299.2	1971	96 07
16	12.00	0.090	0.23	0.86	52	863	66		-969.7	1 547.9	1996	97 05
16	14.50	0.060	0.25	0.86	52	863	66		-971.5	1 511.1	1996	97 06
64	16.60	0.035	0.22	0.90	32	901	52	13 571	-1 072.3	1 423.3	1983	96 07 - GPP
8	18.00	0.100	0.11	0.94	16	881	66	14 132	-1 088.0	1 454.7	1966	96 07 - GPP
13	23.16	0.090	0.13	0.89	35	870	70	14 376	-1 084.4	1 469.7	1966	91 10 - ABAND 91 03
10	63.89	0.060	0.20	0.83	62	860	72	14 240	-1 123.2	1 577.3	1967	97 04 - GPP
30	19.48	0.060	0.17	0.81	74	860	73	13 924	-1 058.6	1 556.9	1967	74 12
20	47.06	0.064	0.19	0.87	47	834	70	15 634	-940.2	1 302.2	1967	97 12 - GPP
27	36.82	0.050	0.20	0.88	33	881	72	14 070	-1 064.1	1 452.4	1967	95 12 - GPP
16	6.71	0.046	0.25	0.80	80	887	60	13 696	-1 048.3	1 407.0	1967	71 01 - ABAND 82 09
12	63.84	0.070	0.18	0.83	59	844	77	15 009	-1 144.5	1 513.0	1967	94 11 - ABAND 90 10
5	55.47	0.046	0.14	0.89	37	881	71	14 058	-1 085.7	1 508.2	1967	82 12
11	49.88	0.069	0.09	0.83	54	844	72	15 146	-1 120.3	1 508.9	1967	96 07 - GPP
11	28.01	0.056	0.21	0.94	16	892	66	14 131	-1 101.4	1 467.8	1967	70 02 - ABAND 85 10
11	40.68	0.055	0.15	0.76	96	834	79	16 113	-1 187.7	1 589.0	1967	96 08 - GPP
11	14.33	0.070	0.15	0.83	39	860	71	14 377	-1 077.7	1 500.2	1967	68 11 - GPP
30	27.70	0.076	0.27	0.90	24	881	68	14 098	-1 089.2	1 460.6	1967	84 09 - GPP
7	66.23	0.080	0.15	0.85	48	887	66	14 920	-1 104.0	1 480.0	1966	88 12 - GPP
15	52.91	0.070	0.20	0.90	29	881	69	14 535	-1 089.3	1 470.7	1966	91 12 - GPP
18	20.88	0.060	0.12	0.81	78	855	71	14 470	-1 108.0	1 562.7	1967	73 10 - ABAND 85 02
12	10.36	0.090	0.14	0.82	67	855	71	14 150	-1 090.1	1 529.9	1968	70 01
42	13.45	0.080	0.10	0.86	45	855	70	14 886	-1 141.9	1 503.4	1968	96 09 - GPP
9	24.14	0.058	0.25	0.85	57	876	71	13 438	-1 069.7	1 490.6	1968	74 11
7	25.00	0.073	0.13	0.90	25	876	67	13 961	-1 053.7	1 446.0	1968	81 09 - ABAND 80 07
3	45.30	0.108	0.09	0.85	42	860	69	14 468	-1 097.1	1 465.3	1968	84 06 - ABAND 88 01
7	67.47	0.100	0.08	0.84	62	887	71	13 206	-1 127.5	1 521.9	1969	95 08 - ABAND 95 03
16	38.10	0.054	0.20	0.88	41	881	70	14 061	-1 087.1	1 489.4	1968	73 02 - ABAND 82 09
9	24.50	0.079	0.15	0.81	74	860	72	13 815	-1 053.4	1 508.2	1967	87 12 - ABAND 90 06
16	21.50	0.060	0.19	0.88	32	881	72	14 336	-1 119.3	1 502.4	1969	96 07 - GPP
3	58.20	0.115	0.10	0.88	30	870	67	13 570	-1 088.1	1 454.8	1969	94 11 - ABAND 90 10
13	27.71	0.024	0.30	0.79	82	855	71	13 406	-1 036.3	1 463.6	1971	74 12 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
ZAMA 117-04W6 (CONTINUED)								
MUSKEG NN	351.0	<0.14		48.3		48.3	48.3	
MUSKEG OO	80.2	<0.01		0.1		0.1	0.1	
MUSKEG PP	49.9	0.25		12.5		12.5	11.2	1.3
MUSKEG QQ	140.0	<0.05		6.5		6.5	6.5	
MUSKEG RR	199.0	<0.11		20.1		20.1	20.1	
MUSKEG SS	95.9	<0.04		3.5		3.5	3.5	
MUSKEG TT	140.0	<0.02		1.8		1.8	1.8	
MUSKEG UU	225.0	<0.03		5.7		5.7	5.7	
MUSKEG VV	40.2	<0.01		0.2		0.2	0.2	
MUSKEG XX	204.0	0.11		22.4		22.4	12.8	9.6
MUSKEG YY	91.2	<0.02		1.6		1.6	1.6	
MUSKEG ZZ	32.3	<0.06		1.8		1.8	1.8	
MUSKEG CCC & KEG RIVER T8T	116.0	0.30		34.8		34.8	7.2	27.6
MUSKEG AAA	556.0	<0.29		158.7		158.7	158.7	
MUSKEG BBB	15.7	0.30		4.7		4.7	1.0	3.7
MUSKEG DDD	57.9	0.20		11.6		11.6	2.6	9.0
MUSKEG EEE	146.0	<0.01		1.2		1.2	1.2	
KEG RIVER A	874.0	0.36		315.0		315.0	282.0	33.0
KEG RIVER C	324.0	<0.14		45.0		45.0	45.0	
KEG RIVER D	477.0	0.35		167.0		167.0	129.1	37.9
KEG RIVER E	397.0	0.24		95.3		95.3	93.3	2.0
KEG RIVER F	546.0	0.33		180.0		180.0	170.7	9.3
KEG RIVER G	318.0	<0.31		98.5		98.5	98.5	
KEG RIVER H WATER FLOOD	1 750.0	0.30	0.07	525.0	122.0	647.0	639.9	7.1
KEG RIVER I	192.0	<0.01		0.7		0.7	0.7	
KEG RIVER J	477.0	0.12		57.2		57.2	49.0	8.2
KEG RIVER K	127.0	<0.29		36.6		36.6	36.6	
KEG RIVER L	234.0	0.25		58.5		58.5	49.8	8.7
KEG RIVER M	520.0	0.30		156.0		156.0	60.1	95.9
KEG RIVER N WATER FLOOD	360.0	0.25	0.10	90.0	36.0	126.0	112.9	13.1
KEG RIVER O WATER FLOOD	1 030.0	0.34	0.06	350.0	61.8	412.0	359.0	53.0
KEG RIVER P WATER FLOOD	286.0	0.35	0.10	100.0	28.6	129.0	106.1	22.9
KEG RIVER R	179.0	<0.31		54.9		54.9	54.9	
KEG RIVER S	874.0	0.15		131.0		131.0	119.3	11.7
KEG RIVER T	200.0	0.30		60.0		60.0	54.5	5.5
KEG RIVER U	715.0	<0.30		210.1		210.1	210.1	
KEG RIVER V	162.0	0.20		32.4		32.4	24.4	8.0
KEG RIVER W	191.0	0.35		66.9		66.9	56.2	10.7
KEG RIVER X	306.0	<0.06		16.5		16.5	16.5	
KEG RIVER Y WATER FLOOD	261.0	0.15	0.05	39.2	13.1	52.3	45.3	7.0
KEG RIVER Z	477.0	<0.36		171.4		171.4	171.4	
KEG RIVER AA	191.0	0.35		67.0		67.0	60.7	6.3
KEG RIVER BB	180.0	<0.33		58.2		58.2	58.2	
KEG RIVER CC WATER FLOOD	795.0	0.25	0.15	199.0	119.0	318.0	308.1	9.9
KEG RIVER DD	317.0	<0.08		24.4		24.4	24.4	
KEG RIVER EE	1 030.0	<0.24		238.6		238.6	238.6	
KEG RIVER FF	1 270.0	0.30		381.0		381.0	359.2	21.8
KEG RIVER GG WATER FLOOD	953.0	<0.08	0.02	76.2	25.7	101.9	101.9	
KEG RIVER HH	155.0	0.25		38.8		38.8	37.4	1.4
KEG RIVER II	127.0	0.12		15.2		15.2	15.2	
KEG RIVER JJ	110.0	0.30		33.0		33.0	32.6	0.4
KEG RIVER KK WATER FLOOD	176.0	0.32	0.08	56.3	14.1	70.4	50.1	20.3
KEG RIVER LL	173.0	<0.27		45.4		45.4	45.4	
KEG RIVER MM	86.3	0.03		2.6		2.6	2.6	
KEG RIVER NN	509.0	0.27		137.0		137.0	128.4	8.6
KEG RIVER OO	148.0	<0.34		49.2		49.2	49.2	
KEG RIVER PP	763.0	0.29		221.0		221.0	214.3	6.7
KEG RIVER QQ	350.0	<0.23		78.5		78.5	78.5	
KEG RIVER RR	223.0	<0.29		63.5		63.5	63.3	0.2
KEG RIVER SS	310.0	0.25		77.5		77.5	74.0	3.5
KEG RIVER TT WATER FLOOD	400.0	0.25	0.10	100.0	40.0	140.0	125.9	14.1

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
25	24.68	0.077	0.11	0.83	56	855	67	15 013	-1 126.6	1 516.7	1972	96 07 - GPP
16	24.08	0.036	0.32	0.85	44	844	36	16 302	-1 169.0	1 553.7	1973	74 05 - ABAND 73 09
6	15.90	0.070	0.10	0.83	91	837	80	13 776	-1 107.2	1 536.8	1982	91 12 - GPP
31	8.24	0.070	0.10	0.87	37	839	74	13 064	-1 063.4	1 499.3	1983	96 07 - GPP
64	8.30	0.060	0.18	0.76	95	834	62	18 466	-1 113.6	1 502.5	1983	96 07 - GPP
16	12.00	0.070	0.14	0.83	54	844	79	13 788	-1 190.9	1 564.0	1983	86 12
16	16.00	0.070	0.11	0.88	35	882	71	18 372	-1 101.7	1 499.3	1984	88 12
39	15.61	0.050	0.16	0.88	35	878	73	14 860	-1 078.1	1 469.8	1984	95 10 - ABAND 95 08
16	5.60	0.060	0.10	0.83	60	837	77	5 496	-1 188.8	1 578.4	1984	88 12 - ABAND 85 10
64	8.00	0.060	0.19	0.82	59	817	66	18 669	-1 147.2	1 528.3	1986	96 08 - GPP
64	2.00	0.090	0.10	0.88	37	870	29	14 863	-1 032.5	1 427.5	1987	92 06 - ABAND 90 10
32	1.50	0.090	0.14	0.87	42	882	70	13 563	-1 057.8	1 411.4	1968	96 07 - GPP
16	39.00	0.030	0.28	0.86	35	869	63	13 958	-1 088.4	1 699.8	1996	97 01 - GPP
10	105.70	0.074	0.10	0.79	74	834	79	13 439	-1 165.2	1 557.2	1967	94 11 - ABAND 93 11
10	3.80	0.060	0.16	0.82	59	844	66	20 759	-1 118.8	1 509.5	1995	96 03 - GPP
16	21.00	0.030	0.30	0.82	59	856	67	13 385	-1 057.1	1 661.0	1996	97 07 - GPP
32	8.10	0.080	0.11	0.79	74	834	79	13 239	-1 013.0	1 431.0	1992	96 12 - GPP
25	64.33	0.071	0.11	0.86	46	876	68	14 440	-1 099.4	1 464.6	1966	94 11 - GPP
7	82.30	0.077	0.16	0.87	50	870	69	14 822	-1 119.0	1 [illegible]32.9	1967	83 12 - ABAND 80 04
8	115.56	0.074	0.16	0.83	60	849	72	15 185	-1 178.2	1 [illegible]3.2	1967	94 11 - GPP
17	47.46	0.070	0.12	0.80	71	834	79	14 834	-1 139.1	1 509.7	1967	94 11 - GPP
20	51.42	0.071	0.12	0.85	52	849	71	14 553	-1 112.7	1 493.1	1967	96 06 - GPP
17	32.92	0.085	0.24	0.88	35	870	71	14 400	-1 074.8	1 464.3	1967	96 07 - GPP
141	42.15	0.047	0.28	0.87	36	865	74	14 083	-1 065.7	1 458.2	1966	74 09 - GPP
22	28.22	0.050	0.25	0.83	59	865	75	14 415	-1 120.8	1 509.7	1967	68 05 - ABAND 89 03
7	91.20	0.100	0.10	0.83	66	865	72	13 755	-1 105.5	1 509.3	1967	95 12 - GPP
17	23.40	0.050	0.24	0.84	54	865	71	13 720	-1 031.8	1 421.9	1966	94 11 - ABAND 91 03
20	34.01	0.050	0.20	0.86	46	865	72	13 479	-1 040.9	1 442.0	1967	83 12 - GPP
100	25.60	0.036	0.32	0.83	48	865	71	14 160	-1 063.4	1 486.8	1967	97 12 - GPP
18	52.56	0.058	0.20	0.82	64	865	71	13 992	-1 064.3	1 500.2	1966	86 12 - GPP
35	47.45	0.087	0.19	0.88	35	860	71	14 822	-1 102.8	1 497.8	1967	95 12 - GPP
5	109.56	0.074	0.17	0.85	54	855	68	14 719	-1 123.6	1 522.9	1967	96 09 - GPP
10	24.23	0.100	0.17	0.89	30	876	68	14 258	-1 070.0	1 449.6	1967	94 11 - GPP
17	90.09	0.079	0.16	0.86	42	860	69	15 332	-1 123.2	1 496.6	1967	91 12 - GPP
15	30.00	0.060	0.15	0.87	38	870	70	14 660	-1 080.2	1 464.6	1967	85 12 - GPP
25	58.18	0.074	0.18	0.81	65	834	77	15 082	-1 149.8	1 527.1	1967	96 07 - GPP
20	50.00	0.030	0.35	0.83	63	865	71	13 849	-1 047.4	1 440.0	1967	97 07 - GPP
28	23.79	0.046	0.24	0.82	69	876	66	13 809	-1 040.9	1 434.1	1967	96 12 - GPP
18	34.14	0.080	0.25	0.83	33	881	69	13 758	-1 040.3	1 433.2	1967	84 09 - GPP
12	36.27	0.081	0.12	0.84	62	865	61	13 960	-1 044.0	1 446.9	1967	92 11 - GPP
11	71.57	0.085	0.12	0.81	73	855	72	14 573	-1 110.0	1 512.4	1967	94 11 - GPP
7	55.27	0.070	0.18	0.86	43	870	68	14 061	-1 049.9	1 495.5	1967	89 07 - GPP
25	30.30	0.040	0.30	0.85	76	865	72	13 770	-1 041.7	1 552.8	1967	96 07 - GPP
13	92.88	0.087	0.12	0.86	45	860	76	14 970	-1 132.5	1 594.0	1967	96 12 - GPP
15	48.13	0.061	0.20	0.90	35	887	63	13 959	-1 062.6	1 419.5	1967	86 12 - ABAND 89 03
33	56.93	0.070	0.12	0.89	30	865	69	14 526	-1 073.0	1 460.9	1967	96 07 - GPP
28	86.48	0.071	0.11	0.83	58	839	78	15 237	-1 151.9	1 528.6	1967	97 12 - GPP
55	41.92	0.060	0.17	0.83	63	865	73	14 427	-1 080.2	1 485.6	1967	96 07 - ABAND 96 01
21	42.43	0.030	0.30	0.83	60	860	71	13 850	-1 042.0	1 469.6	1967	96 04 - GPP
10	25.30	0.074	0.15	0.80	74	849	78	13 954	-1 060.2	1 561.0	1967	94 11 - GPP
15	29.30	0.042	0.30	0.85	35	865	71	13 807	-1 041.5	1 450.5	1967	85 07 - GPP
4	86.87	0.065	0.11	0.87	45	865	71	14 594	-1 099.4	1 538.3	1967	95 12 - GPP
10	20.46	0.100	0.08	0.92	26	881	64	14 104	-1 054.0	1 431.6	1967	94 11 - GPP
16	6.10	0.140	0.11	0.71	156	825	81	15 001	-1 142.8	1 522.9	1967	85 12
16	37.40	0.120	0.08	0.77	88	829	76	15 170	-1 166.9	1 551.1	1967	94 11 - GPP
16	46.33	0.043	0.25	0.62	215	829	76	15 193	-1 167.0	1 555.1	1967	94 11
15	94.29	0.074	0.10	0.81	72	829	80	15 352	-1 179.6	1 566.3	1967	96 08 - GPP
13	51.79	0.073	0.11	0.80	72	829	78	15 027	-1 138.5	1 536.3	1967	94 11 - GPP
16	31.39	0.063	0.15	0.83	64	865	71	13 562	-1 050.0	1 451.5	1967	96 12 - GPP
5	102.40	0.080	0.11	0.85	53	855	72	14 987	-1 130.8	1 528.6	1967	90 12 - GPP
23	43.30	0.055	0.14	0.85	49	865	73	13 856	-1 048.5	1 479.2	1967	87 08 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 ENHANCED 10³m³	6 TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
ZAMA 117-04W6 (CONTINUED)								
KEG RIVER UU	138.0	0.25		34.5		34.5	28.5	6.0
KEG RIVER VV	1 350.0	0.31		419.0		419.0	405.0	14.0
KEG RIVER WW	318.0	<0.18		56.8		56.8	56.8	
KEG RIVER XX	464.0	<0.20		90.8		90.8	90.8	
KEG RIVER YY WATER FLOOD	184.0	<0.26	0.05	46.1	9.2	55.3	55.3	
KEG RIVER ZZ	238.0	<0.25		58.1		58.1	58.1	
KEG RIVER BBB WATER FLOOD	207.0	<0.20	0.12	39.9	24.8	64.7	64.7	
KEG RIVER CCC	248.0	0.10		24.8		24.8	12.1	12.7
KEG RIVER DDD	308.0	0.27		83.2		83.2	81.1	2.1
KEG RIVER EEE	242.0	<0.14		32.0		32.0	32.0	
KEG RIVER FFF	169.0	<0.14		23.3		23.3	23.3	
KEG RIVER GGG	64.2	<0.19		12.1		12.1	12.1	
KEG RIVER HHH	260.0	0.20		52.0		52.0	42.1	9.9
KEG RIVER III	230.0	0.35		80.5		80.5	71.3	9.2
KEG RIVER JJJ	477.0	0.40		191.0		191.0	183.2	7.8
KEG RIVER KKK	397.0	<0.18		70.9		70.9	70.9	
KEG RIVER LLL	176.0	0.30		52.8		52.8	40.5	12.3
KEG RIVER MMM	500.0	0.30		150.0		150.0	145.1	4.9
KEG RIVER NNN	588.0	<0.25		146.7		146.7	146.7	
KEG RIVER OOO	533.0	<0.09		45.7		45.7	45.7	
KEG RIVER PPP	213.0	<0.19		38.5		38.5	38.5	
KEG RIVER QQQ	187.0	<0.23		42.3		42.3	42.3	
KEG RIVER RRR	636.0	<0.20		126.4		126.4	126.4	
KEG RIVER SSS	79.5	<0.22		17.3		17.3	17.3	
KEG RIVER TTT WATER FLOOD	127.0	0.26	0.12	33.0	15.3	48.3	48.3	
KEG RIVER VVV	443.0	<0.11		47.3		47.3	47.3	
KEG RIVER WWW	185.0	<0.15		27.1		27.1	27.1	
KEG RIVER XXX	477.0	<0.08		34.8		34.8	34.8	
KEG RIVER YYY	449.0	0.32		144.0		144.0	119.5	24.5
KEG RIVER ZZZ	238.0	<0.13		29.2		29.2	29.2	
KEG RIVER A2A	605.0	0.40		242.0		242.0	177.9	64.1
KEG RIVER B2B	795.0	0.28		223.0		223.0	218.3	4.7
KEG RIVER C2C	261.0	0.25		65.3		65.3	39.6	25.7
KEG RIVER E2E	313.0	<0.20		61.4		61.4	61.4	
KEG RIVER F2F	304.0	<0.08		21.4		21.4	21.4	
KEG RIVER G2G	963.0	0.14		135.0		135.0	126.3	8.7
KEG RIVER H2H	314.0	<0.04		10.3		10.3	10.3	
KEG RIVER I2I	195.0	0.30		58.5		58.5	51.3	7.2
KEG RIVER J2J	286.0	0.30		85.8		85.8	76.8	9.0
KEG RIVER K2K	120.0	<0.06		6.5		6.5	6.5	
KEG RIVER L2L	143.0	<0.10		13.7		13.7	13.7	
KEG RIVER M2M	354.0	0.30		106.0		106.0	103.5	2.5
KEG RIVER N2N	461.0	<0.30		135.3		135.3	135.3	
KEG RIVER O2O	604.0	0.30		181.0		181.0	164.0	17.0
KEG RIVER P2P	350.0	<0.27		91.1		91.1	91.1	
KEG RIVER Q2Q	356.0	0.25		89.0		89.0	47.9	41.1
KEG RIVER R2R	180.0	<0.10		17.9		17.9	17.9	
KEG RIVER S2S	350.0	0.28		98.0		98.0	90.8	7.2
KEG RIVER T2T	91.9	<0.21		18.5		18.5	18.5	
KEG RIVER U2U	429.0	0.20		85.8		85.8	81.9	3.9
KEG RIVER V2V	139.0	0.15		20.9		20.9	16.8	4.1
KEG RIVER W2W	165.0	<0.19		30.8		30.8	30.8	
KEG RIVER X2X TOTAL	751.0			184.0	126.0	310.0	287.5	22.5
PRIMARY AREA	204.0	0.17		35.7		35.7		
WATER FLOOD AREA	547.0	0.27	0.23	148.0	126.0	274.0		
KEG RIVER Y2Y	79.5	<0.02		1.0		1.0	1.0	
KEG RIVER Z2Z	477.0	0.20		95.4		95.4	85.0	10.4
KEG RIVER A3A	320.0	<0.12		38.1		38.1	38.1	
KEG RIVER B3B	164.0	0.25		41.0		41.0	25.8	15.2
KEG RIVER C3C	111.0	<0.23		25.3		25.3	25.3	
KEG RIVER D3D	257.0	<0.27		68.4		68.4	68.4	
KEG RIVER F3F	420.0	<0.11		44.0		44.0	44.0	
KEG RIVER G3G	106.0	<0.12		12.1		12.1	12.1	
KEG RIVER H3H	218.0	<0.19		40.8		40.8	40.8	
KEG RIVER I3I TOTAL	636.0			110.0	35.1	145.0	137.4	7.6
PRIMARY AREA	134.0	0.07		9.4		9.4		
WATER FLOOD AREA	502.0	0.20	0.07	101.0	35.1	136.0		
KEG RIVER J3J	222.0	0.20		44.4		44.4	32.0	12.4

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
21	28.74	0.039	0.30	0.84	59	865	70	13 765	-1 042.1	1 598.1	1967	95 12 - GPP
26	92.67	0.075	0.10	0.83	58	855	77	15 030	-1 146.0	1 509.4	1967	94 11 - GPP
16	46.15	0.055	0.13	0.90	32	898	63	14 272	-1 071.6	1 443.5	1967	94 11 - GPP
13	67.30	0.071	0.11	0.84	71	860	71	15 105	-1 123.1	1 501.4	1967	82 12 - GPP
7	63.63	0.060	0.15	0.81	71	844	71	14 699	-1 138.8	1 521.6	1967	92 09 - ABAND 90 08
24	20.95	0.110	0.12	0.49	331	811	77	15 446	-1 170.3	1 551.0	1967	92 10
3	91.00	0.105	0.13	0.83	57	855	80	14 894	-1 113.8	1 565.8	1967	94 11 - GPP
32	17.50	0.070	0.22	0.81	65	860	76	14 355	-1 119.7	1 573.2	1967	96 07 - GPP
9	58.83	0.076	0.15	0.90	33	881	67	14 441	-1 079.7	1 467.5	1967	96 12 - GPP
16	35.68	0.064	0.22	0.85	52	865	70	13 440	-1 035.9	1 443.7	1967	94 11 - GPP
6	47.64	0.085	0.20	0.87	35	865	71	13 714	-1 050.2	1 454.7	1967	94 11 - ABAND 94 05
3	82.20	0.045	0.35	0.89	45	860	83	14 249	-1 093.0	1 524.6	1967	69 01 - GPP
8	37.80	0.115	0.10	0.83	59	860	72	13 917	-1 029.7	1 464.3	1967	96 11 - GPP
10	43.20	0.080	0.25	0.89	38	881	64	13 938	-1 065.6	1 427.7	1967	96 06 - GPP
21	46.09	0.070	0.20	0.88	30	865	72	14 573	-1 083.6	1 451.5	1967	91 12 - GPP
7	95.90	0.080	0.11	0.83	45	855	78	14 886	-1 119.7	1 557.1	1967	94 11 - GPP
16	37.90	0.050	0.30	0.83	62	865	69	13 246	-1 043.1	1 470.4	1967	95 11 - GPP
12	86.52	0.070	0.20	0.86	47	865	69	13 728	-956.4	1 330.0	1967	89 12 - GPP
17	69.67	0.073	0.15	0.80	72	844	80	15 533	-1 136.6	1 532.2	1967	96 07 - GPP
19	50.35	0.074	0.19	0.93	28	881	67	14 241	-1 066.0	1 453.7	1967	82 12 - ABAND 88 06
19	42.15	0.040	0.20	0.83	60	860	71	13 334	-1 045.0	1 465.8	1967	94 11 - GPP
16	49.06	0.040	0.30	0.85	49	865	71	13 228	-1 042.0	1 466.4	1967	94 11 - GPP
20	71.08	0.077	0.17	0.70	145	829	73	15 332	-1 173.5	1 548.7	1967	94 11 - GPP
6	26.60	0.080	0.25	0.83	41	860	73	14 708	-1 124.7	1 547.2	1967	86 12 - GPP
4	50.70	0.080	0.10	0.87	43	865	73	14 284	-1 077.6	1 513.8	1967	94 11 - ABAND 93 07
23	45.45	0.063	0.19	0.83	67	855	71	13 408	-1 039.5	1 469.3	1967	94 11 - GPP
8	37.73	0.080	0.15	0.90	34	887	63	14 035	-1 062.4	1 417.2	1968	96 07 - GPP
21	57.30	0.059	0.23	0.87	42	881	67	13 636	-1 050.8	1 460.5	1967	86 12 - ABAND 94 05
20	42.03	0.074	0.16	0.86	43	876	71	14 727	-1 037.7	1 449.8	1967	94 11 - GPP
20	22.80	0.070	0.17	0.90	28	881	63	13 997	-1 073.3	1 426.9	1968	86 12 - ABAND 88 06
50	25.09	0.070	0.15	0.81	74	849	71	13 343	-1 021.0	1 462.1	1968	96 09 - GPP
17	53.90	0.120	0.15	0.85	56	855	68	14 704	-1 116.8	1 490.2	1968	90 12 - GPP
16	42.00	0.060	0.20	0.81	71	860	71	12 894	-1 036.3	1 474.6	1968	96 07 - GPP
16	30.80	0.085	0.17	0.90	32	904	63	13 775	-1 050.9	1 418.6	1967	94 11 - GPP
23	36.79	0.055	0.24	0.86	46	865	68	13 706	-1 045.9	1 443.4	1968	74 12
28	57.42	0.085	0.13	0.81	71	844	76	14 267	-1 118.0	1 510.3	1968	96 08 - GPP
15	38.10	0.078	0.17	0.85	52	865	70	13 678	-1 047.0	1 448.1	1968	74 12 - ABAND 82 02
18	27.10	0.065	0.20	0.77	95	825	80	14 901	-1 147.2	1 557.2	1968	96 06 - GPP
14	31.74	0.087	0.14	0.86	47	870	69	14 407	-1 127.8	1 497.5	1968	69 03 - GPP
16	19.57	0.054	0.20	0.89	37	892	61	13 671	-1 047.0	1 413.1	1968	73 02 - ABAND 90 04
16	38.10	0.040	0.30	0.83	66	865	68	12 818	-1 044.6	1 453.0	1968	78 10 - ABAND 90 08
13	47.64	0.075	0.15	0.90	38	881	61	14 201	-1 076.2	1 436.8	1968	95 07 - GPP
12	56.57	0.094	0.15	0.85	59	860	68	14 375	-1 104.9	1 459.4	1968	94 11 - ABAND 93 03
15	59.30	0.100	0.14	0.79	84	870	73	14 462	-1 095.3	1 515.2	1968	89 12 - GPP
11	45.79	0.094	0.16	0.88	38	865	69	14 091	-1 056.0	1 449.6	1968	96 07 - GPP
17	70.90	0.045	0.20	0.82	66	860	74	11 731	-1 048.4	1 492.8	1968	95 12 - GPP
12	29.59	0.080	0.12	0.72	115	825	66	15 269	-1 167.9	1 552.2	1968	94 11 - ABAND 95 12
6	98.70	0.080	0.11	0.83	50	870	77	14 153	-1 114.1	1 522.5	1968	94 12 - GPP
7	22.34	0.075	0.11	0.88	35	867	67	13 370	-1 080.7	1 474.5	1968	94 11 - GPP
10	52.18	0.105	0.13	0.90	26	876	68	13 952	-1 064.0	1 451.5	1968	79 06 - GPP
20	20.70	0.050	0.21	0.85	55	865	71	13 243	-1 044.5	1 437.8	1968	94 11 - GPP
15	32.95	0.054	0.25	0.83	59	865	70	11 593	-1 042.4	1 463.3	1968	94 11 - ABAND 90 10
50					78	844	76	12 688	-1 108.2	1 499.0	1968	93 12 - GPP
16	24.40	0.075	0.13	0.80								
34	30.82	0.075	0.13	0.80								
5	23.73	0.110	0.30	0.87	48	860	71	12 468	-1 101.3	1 521.9	1968	69 11
17	30.23	0.120	0.15	0.91	26	887	64	13 571	-1 045.8	1 428.6	1968	83 12 - GPP
35	29.50	0.045	0.20	0.86	53	865	72	14 312	-1 037.2	1 454.2	1967	97 12 - GPP
17	23.70	0.060	0.20	0.85	52	865	70	12 403	-1 040.5	1 454.4	1968	96 06 - GPP
8	25.27	0.078	0.20	0.88	35	887	71	14 272	-1 100.0	1 498.7	1968	83 12 - GPP
16	34.60	0.065	0.15	0.84	59	860	74	14 117	-1 097.7	1 459.2	1969	94 11 - GPP
15	28.83	0.120	0.10	0.90	39	898	61	13 032	-1 046.8	1 400.7	1969	96 07 - GPP
11	16.95	0.075	0.15	0.90	34	887	63	13 563	-1 053.8	1 406.5	1969	96 07 - GPP
5	91.74	0.070	0.21	0.86	46	865	71	15 025	-1 129.0	1 525.3	1969	96 07 - GPP
117					63	865	72	13 085	-1 042.1	1 433.2	1968	91 12 - GPP
64	22.47	0.017	0.34	0.83								
53	23.77	0.060	0.20	0.83								
8	31.49	0.122	0.13	0.83	63	860	71	13 723	-1 045.0	1 456.3	1967	95 12 - GPP

TABLE 2-6

	1	2	3	4	5	6	7	8
FIELD POOL	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	$10^3 m^3$	frac	frac	$10^3 m^3$	$10^3 m^3$	$10^3 m^3$	$10^3 m^3$	$10^3 m^3$
ZAMA 117-04W6 (CONTINUED)								
KEG RIVER K3K	207.0	0.20	0.09	41.3	20.2	61.5	61.5	
WATER FLOOD								
KEG RIVER L3L	159.0	0.20	0.15	31.8	23.9	55.7	50.9	4.8
WATER FLOOD								
KEG RIVER M3M	318.0	<0.04		10.4		10.4	10.4	
KEG RIVER N3N	302.0	0.30		90.6		90.6	79.8	10.8
KEG RIVER O3O	242.0	<0.06		13.9		13.9	13.9	
KEG RIVER P3P	472.0	<0.17		78.3		78.3	78.3	
KEG RIVER Q3Q	271.0	0.15		40.7		40.7	35.0	5.7
KEG RIVER R3R	395.0	0.40		158.0		158.0	146.9	11.1
KEG RIVER S3S	222.0	<0.33		71.3		71.3	71.3	
KEG RIVER T3T	242.0	0.15		36.3		36.3	22.6	13.7
KEG RIVER U3U	20.5	<0.26		5.3		5.3	5.3	
KEG RIVER W3W	524.0	0.26	0.09	136.0	47.2	183.0	175.7	7.3
WATER FLOOD								
KEG RIVER X3X	253.0	<0.02		3.9		3.9	3.9	
KEG RIVER Y3Y	236.0	<0.06		12.2		12.2	12.2	
KEG RIVER Z3Z	477.0	<0.31		143.7		143.7	143.7	
KEG RIVER A4A	49.9	<0.01		0.4		0.4	0.4	
KEG RIVER B4B	65.4	<0.18		11.3		11.3	11.3	
KEG RIVER C4C	329.0	<0.13		41.0		41.0	41.0	
KEG RIVER D4D	136.0	0.15		20.4		20.4	16.1	4.3
KEG RIVER E4E	332.0	<0.13		42.8		42.8	42.8	
KEG RIVER F4F	79.5	0.21		16.7		16.7	16.7	
KEG RIVER G4G	370.0	<0.10		35.3		35.3	35.3	
KEG RIVER H4H	381.0	<0.14		49.9		49.9	49.9	
KEG RIVER I4I	222.0	<0.20		42.4		42.4	42.4	
KEG RIVER J4J	396.0	0.03		11.9		11.9	11.9	
KEG RIVER K4K	159.0	<0.19		29.3		29.3	29.3	
KEG RIVER L4L TOTAL	2 000.0			367.0	86.3	453.0	420.2	32.8
PRIMARY AREA	275.0	0.08		22.0		22.0		
WATER FLOOD AREA	1 725.0	0.20	0.05	345.0	86.3	431.0		
KEG RIVER N4N	191.0	<0.17		31.9		31.9	31.9	
KEG RIVER O4O	143.0	<0.13		18.3		18.3	18.3	
KEG RIVER P4P	159.0	0.35		55.6		55.6	51.0	4.6
KEG RIVER Q4Q	143.0	<0.16		21.5		21.5	21.5	
KEG RIVER R4R	267.0	0.07		18.7		18.7	18.7	
KEG RIVER S4S	270.0	<0.09		23.4		23.4	22.0	1.4
KEG RIVER T4T	318.0	<0.33		104.8		104.8	104.8	
KEG RIVER U4U	320.0	0.27	0.03	86.4	9.6	96.0	89.6	6.4
WATER FLOOD								
KEG RIVER V4V	95.3	<0.12		10.7		10.7	10.7	
KEG RIVER W4W	95.3	<0.25		23.7		23.7	23.7	
KEG RIVER X4X	424.0	<0.11		43.0		43.0	43.0	
KEG RIVER Y4Y	26.8	<0.31		8.3		8.3	8.3	
KEG RIVER Z4Z	236.0	<0.09		20.3		20.3	20.3	
KEG RIVER A5A	874.0	0.20		175.0		175.0	159.7	15.3
KEG RIVER B5B	165.0	<0.13		20.1		20.1	20.1	
KEG RIVER C5C	259.0	0.25		64.8		64.8	64.0	0.8
KEG RIVER D5D	300.0	<0.15		44.4		44.4	44.4	
KEG RIVER E5E	106.0	<0.01		0.1		0.1	0.1	
KEG RIVER F5F	45.4	<0.28		12.4		12.4	12.4	
KEG RIVER G5G	263.0	0.25		65.8		65.8	50.1	15.7
KEG RIVER H5H	267.0	<0.02		3.5		3.5	3.5	
KEG RIVER I5I	322.0	<0.18		56.4		56.4	56.4	
KEG RIVER J5J	340.0	0.10		34.0		34.0	13.1	20.9
KEG RIVER K5K	153.0	<0.03		4.2		4.2	4.2	
KEG RIVER L5L	285.0	<0.10		27.0		27.0	27.0	
KEG RIVER M5M	223.0	<0.04		8.6		8.6	8.6	
KEG RIVER N5N	93.2	0.35		32.6		32.6	31.8	0.8
KEG RIVER O5O	206.0	0.02		4.1		4.1	4.1	
KEG RIVER P5P	466.0	0.12		55.9		55.9	46.4	9.5
KEG RIVER Q5Q	205.0	<0.05		9.5		9.5	9.5	
KEG RIVER R5R	121.0	<0.04		4.4		4.4	4.4	
KEG RIVER S5S	317.0	<0.04		12.1		12.1	12.1	
KEG RIVER T5T	173.0	<0.01		1.5		1.5	1.5	
KEG RIVER V5V	395.0	0.05		19.8		19.8	8.5	11.3
KEG RIVER X5X	150.0	0.25		37.5		37.5	24.5	13.0
KEG RIVER Y5Y	238.0	0.45		107.0		107.0	74.4	32.6
KEG RIVER Z5Z	283.0	0.12		34.0		34.0	29.7	4.3
KEG RIVER A6A	205.0	0.20		41.0		41.0	36.0	5.0

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
8	44.30	0.079	0.12	0.84	61	865	71	13 758	-1 045.0	1 454.5	1967	96 08 - ABAND 95 11
12	36.99	0.052	0.18	0.84	55	865	71	13 355	-1 045.0	1 442.9	1967	86 12 - GPP
19	24.29	0.090	0.12	0.87	35	865	71	13 549	-1 037.7	1 435.8	1968	70 01 - ABAND 90 10
10	58.30	0.071	0.11	0.82	62	865	69	13 501	-1 141.0	1 501.7	1969	94 12 - GPP
9	55.41	0.079	0.25	0.82	71	855	68	13 425	-1 113.5	1 476.8	1968	77 04 - GPP
10	80.13	0.092	0.18	0.78	78	855	72	14 699	-1 123.5	1 581.3	1968	88 12 - ABAND 90 02
16	42.98	0.065	0.27	0.83	57	870	71	12 401	-1 043.9	1 434.7	1969	94 11 - GPP
17	40.20	0.080	0.15	0.85	56	860	67	13 917	-1 093.8	1 451.3	1969	90 12 - GPP
11	23.81	0.112	0.12	0.86	52	887	77	13 922	-1 076.1	1 480.3	1969	94 11 - GPP
14	65.53	0.045	0.23	0.76	94	834	73	14 906	-1 139.4	1 533.8	1969	95 12
1	35.90	0.079	0.16	0.86	46	860	71	9 477	-1 132.6	1 500.2	1969	73 02 - GPP
7	75.87	0.139	0.09	0.78	85	855	69	13 475	-1 106.4	1 517.6	1969	82 12 - GPP
6	65.84	0.092	0.17	0.84	60	854	71	15 106	-1 155.5	1 524.0	1969	86 12 - GPP
12	50.17	0.055	0.20	0.89	30	881	70	12 446	-971.5	1 343.4	1969	74 12 - ABAND 81 09
15	57.23	0.086	0.15	0.76	94	829	79	15 239	-1 165.4	1 534.5	1969	94 11 - GPP
11	9.69	0.068	0.15	0.81	60	855	71	13 205	-1 153.0	1 639.5	1969	70 10
5	26.97	0.077	0.25	0.84	58	855	77	15 283	-1 169.9	1 639.6	1969	78 07 - ABAND 85 07
14	44.84	0.080	0.17	0.79	89	860	71	13 542	-1 087.0	1 510.7	1969	82 12 - GPP
13	32.34	0.050	0.20	0.81	69	860	69	12 959	-1 045.4	1 487.7	1968	96 06 - GPP
16	30.82	0.090	0.15	0.88	35	870	69	11 479	-1 060.3	1 449.5	1969	95 12 - ABAND 96 12
19	23.16	0.030	0.30	0.86	46	865	72	13 782	-1 040.6	1 444.1	1967	89 12
7	66.73	0.100	0.10	0.88	35	860	67	12 526	-1 084.0	1 469.6	1970	96 07 - GPP
14	43.89	0.084	0.18	0.90	29	898	59	13 023	-1 040.4	1 420.5	1971	94 11 - ABAND 94 12
12	40.54	0.065	0.22	0.90	38	887	62	13 624	-1 049.4	1 414.9	1971	96 07 - GPP
10	44.50	0.110	0.09	0.89	41	898	62	12 526	-1 052.6	1 424.5	1971	96 07 - GPP
12	30.25	0.060	0.18	0.89	41	898	62	12 337	-1 043.7	1 420.4	1971	95 09 - ABAND 95 07
260					61	855	70	13 457	-1 099.2	1 533.9	1971	94 12
32	24.00	0.056	0.18	0.78								
228	21.12	0.056	0.18	0.78								- GPP
7	41.47	0.086	0.15	0.90	35	881	61	9 503	-1 059.0	1 423.4	1971	96 07 - GPP
9	26.67	0.075	0.12	0.90	35	898	61	13 626	-1 046.1	1 416.4	1971	96 07 - GPP
6	39.82	0.085	0.13	0.90	35	892	61	13 895	-1 056.0	1 414.6	1971	72 09
10	22.82	0.080	0.12	0.89	36	887	63	13 575	-1 044.0	1 420.7	1971	96 07 - GPP
9	36.60	0.100	0.10	0.90	35	904	61	13 537	-1 050.2	1 419.0	1971	82 12
10	30.12	0.120	0.17	0.90	36	887	62	13 685	-1 046.9	1 418.5	1972	93 12 - GPP
7	87.25	0.075	0.11	0.78	83	829	77	15 807	-1 154.6	1 547.5	1971	94 11 - GPP
13	55.50	0.060	0.12	0.84	59	855	69	12 567	-1 128.1	1 486.2	1972	91 07 - GPP
4	73.75	0.047	0.21	0.87	47	849	72	14 490	-1 143.0	1 510.9	1968	81 08 - ABAND 96 03
3	42.95	0.100	0.15	0.87	47	876	71	14 844	-1 122.2	1 481.3	1972	96 07 - GPP
12	51.31	0.090	0.10	0.85	60	865	45	14 458	-1 147.1	1 518.0	1972	96 08 - ABAND 96 03
2	39.32	0.050	0.18	0.83	58	829	74	15 235	-1 195.4	1 561.2	1972	96 07 - GPP
25	24.99	0.055	0.12	0.78	89	834	72	13 758	-1 124.7	1 550.5	1971	73 11
15	75.26	0.099	0.08	0.85	53	876	69	12 370	-1 065.5	1 454.4	1973	86 12 - GPP
7	55.47	0.065	0.16	0.78	89	811	82	14 950	-1 169.9	1 553.0	1973	86 12 - GPP
7	44.00	0.105	0.09	0.88	27	876	69	13 039	-1 055.0	1 444.6	1974	75 04 - GPP
11	52.80	0.075	0.14	0.80	71	825	88	14 960	-1 198.2	1 581.3	1974	92 09 - ABAND 91 08
16	17.32	0.060	0.23	0.83	69	860	56	13 632	-1 030.6	1 467.1	1978	82 12
16	9.00	0.050	0.25	0.84	50	861	60	13 608	-1 016.6	1 608.5	1978	96 07 - GPP
30	20.50	0.060	0.20	0.89	52	879	80	13 496	-1 058.8	1 446.2	1981	95 12 - GPP
8	75.50	0.070	0.20	0.79	76	855	66	13 742	-1 104.8	1 487.1	1981	96 07 - GPP
8	67.55	0.100	0.15	0.70	120	842	81	11 984	-1 179.0	1 553.1	1981	96 07 - GPP
19	51.30	0.050	0.16	0.83	62	860	51	12 765	-1 095.3	1 508.8	1982	96 02 - GPP
16	28.50	0.050	0.14	0.78	83	831	78	14 284	-1 214.4	1 586.8	1982	92 11 - ABAND 90 04
13	26.00	0.120	0.21	0.89	36	894	61	14 037	-1 053.4	1 425.5	1982	96 07 - GPP
16	23.00	0.080	0.15	0.89	36	911	61	12 943	-1 054.6	1 406.5	1983	89 12
16	15.26	0.050	0.08	0.83	60	853	73	13 765	-1 091.0	1 526.9	1983	94 11 - GPP
25	17.60	0.060	0.12	0.89	31	906	66	13 819	-1 063.3	1 412.4	1983	94 11 - GPP
8	55.00	0.140	0.10	0.84	55	865	71	14 213	-1 062.4	1 456.6	1983	92 09 - GPP
8	68.70	0.060	0.25	0.83	60	830	71	15 925	-1 112.3	1 500.0	1984	95 11 - ABAND 95 08
16	21.00	0.050	0.18	0.88	42	854	69	15 962	-1 190.1	1 567.5	1984	84 08 - ABAND 86 09
8	56.16	0.100	0.15	0.83	58	858	74	14 342	-1 137.3	1 629.7	1983	96 07 - GPP
16	17.50	0.080	0.10	0.86	43	881	66	13 529	-1 109.5	1 512.1	1983	86 12 - ABAND 92 09
16	37.75	0.080	0.12	0.93	51	874	77	14 368	-1 072.2	1 470.8	1983	95 12 - GPP
14	38.40	0.050	0.32	0.82	39	864	71	10 554	-1 046.9	1 590.4	1984	86 01 - GPP
50	13.20	0.050	0.18	0.88	42	858	69	10 722	-1 095.2	1 453.7	1984	93 08 - GPP
19	32.10	0.065	0.14	0.83	74	865	70	13 826	-1 034.1	1 458.4	1984	94 11 - GPP
32	27.40	0.040	0.25	0.78	89	855	71	13 709	-1 097.7	1 528.7	1984	94 11 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 INITIAL ESTABLISHED RESERVES ENHANCED 10^3m^3	6 INITIAL ESTABLISHED RESERVES TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
ZAMA 117-04W6 (CONTINUED)								
KEG RIVER B6B	85.1	0.20		17.0		17.0	4.7	12.3
KEG RIVER C6C	186.0	<0.02		3.1		3.1	3.1	
KEG RIVER D6D	236.0	<0.01		1.9		1.9	1.9	
KEG RIVER E6E	350.0	<0.06		18.6		18.6	18.6	
KEG RIVER F6F	197.0	0.20		39.4		39.4	35.1	4.3
KEG RIVER G6G	311.0	0.20		62.2		62.2	30.8	31.4
KEG RIVER H6H	75.4	<0.03		2.1		2.1	2.1	
KEG RIVER I6I	429.0	0.07		30.0		30.0	21.3	8.7
KEG RIVER J6J	150.0	<0.03		3.2		3.2	3.2	
KEG RIVER K6K	140.0	<0.03		4.1		4.1	4.1	
KEG RIVER L6L	14.7	<0.09		1.2		1.2	1.2	
KEG RIVER N6N	286.0	<0.06		16.3		16.3	16.3	
KEG RIVER O6O	250.0	0.05		12.5		12.5	8.5	4.0
KEG RIVER P6P	260.0	<0.07		16.5		16.5	16.5	
KEG RIVER Q6Q WATER FLOOD	251.0	0.25	0.08	62.8	21.5	84.3	84.3	
KEG RIVER R6R	130.0	0.35		45.5		45.5	35.8	9.7
KEG RIVER S6S	235.0	0.20		47.0		47.0	42.5	4.5
KEG RIVER T6T	300.0	0.08		24.0		24.0	17.0	7.0
KEG RIVER U6U	210.0	<0.08		15.7		15.7	15.7	
KEG RIVER V6V	174.0	<0.07		11.9		11.9	11.9	
KEG RIVER W6W	130.0	0.30		39.0		39.0	17.0	22.0
KEG RIVER X6X	116.0	0.10		11.6		11.6	8.1	3.5
KEG RIVER Y6Y	551.0	0.25		138.0		138.0	128.2	9.8
KEG RIVER Z6Z	117.0	0.40		46.8		46.8	27.6	19.2
KEG RIVER A7A	78.9	<0.07		4.8		4.8	4.8	
KEG RIVER B7B	175.0	0.20		35.0		35.0	29.8	5.2
KEG RIVER D7D	68.2	0.06		4.1		4.1	4.1	
KEG RIVER E7E	171.0	0.15		25.7		25.7	14.5	11.2
KEG RIVER F7F	373.0	0.04		14.9		14.9	8.0	6.9
KEG RIVER G7G	295.0	0.20		59.0		59.0	37.0	22.0
KEG RIVER H7H	168.0	<0.01		1.5		1.5	1.5	
KEG RIVER I7I	709.0	0.20		142.0		142.0	53.1	88.9
KEG RIVER J7J	310.0	0.10		31.0		31.0	5.9	25.1
KEG RIVER K7K	111.0	<0.03		2.5		2.5	2.5	
KEG RIVER L7L	85.3	<0.05		4.0		4.0	4.0	
KEG RIVER M7M	669.0	<0.03		13.8		13.8	13.8	
KEG RIVER N7N	45.8	0.30		13.7		13.7	1.0	12.7
KEG RIVER O7O	39.5	0.22		8.7		8.7	8.1	0.6
KEG RIVER P7P	146.0	0.10		14.6		14.6	8.4	6.2
KEG RIVER Q7Q	247.0	0.25		61.8		61.8	18.0	43.8
KEG RIVER R7R	359.0	0.05		18.0		18.0	4.6	13.4
KEG RIVER S7S	89.8	0.42		37.7		37.7	30.7	7.0
KEG RIVER T7T	344.0	0.25		86.0		86.0	13.9	72.1
KEG RIVER U7U	156.0	<0.01		1.3		1.3	1.3	
KEG RIVER V7V	185.0	0.30		55.5		55.5	29.9	25.6
KEG RIVER W7W	198.0	0.25		49.5		49.5	14.0	35.5
KEG RIVER X7X	55.5	0.25		13.9		13.9	3.0	10.9
KEG RIVER Y7Y	556.0	0.10		55.6		55.6	5.8	49.8
KEG RIVER Z7Z	652.0	0.20		130.0		130.0	40.6	89.4
KEG RIVER A8A	488.0	0.13		63.4		63.4	33.0	30.4
KEG RIVER B8B	142.0	0.20		28.4		28.4	5.0	23.4
KEG RIVER C8C	179.0	0.30		53.7		53.7	39.5	14.2
KEG RIVER D8D	85.3	0.20		17.1		17.1	1.6	15.5
KEG RIVER E8E	85.7	0.20		17.1		17.1	8.6	8.5
KEG RIVER F8F	302.0	0.20		60.4		60.4	19.5	40.9
KEG RIVER G8G	370.0	0.20		74.0		74.0	7.5	66.5
KEG RIVER H8H	89.0	0.20		17.8		17.8	1.3	16.5
KEG RIVER I8I	93.9	0.20		18.8		18.8	2.6	16.2
KEG RIVER J8J	109.0	0.20		21.8		21.8	0.2	21.6
KEG RIVER K8K	262.0	0.20		52.4		52.4	23.4	29.0
KEG RIVER L8L	151.0	0.15		22.7		22.7	20.8	1.9
KEG RIVER M8M	167.0	0.30		50.1		50.1	10.8	39.3
KEG RIVER N8N	85.9	0.20		17.2		17.2	5.5	11.7
KEG RIVER O8O	115.0	0.10		11.5		11.5	1.0	10.5
KEG RIVER P8P	150.0	0.05		7.5		7.5	1.0	6.5
KEG RIVER Q8Q	54.8	0.20		11.0		11.0	1.8	9.2
KEG RIVER R8R	45.7	0.20		9.1		9.1	1.0	8.1
KEG RIVER S8S	182.0	0.20		36.4		36.4	5.9	30.5
KEG RIVER V8V	183.0	0.20		36.6		36.6	3.3	33.3
KEG RIVER W8W	95.4	0.30		28.6		28.6	9.1	19.5

LIGHT-MEDIUM CRUDE OIL POOLS

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
38	16.05	0.023	0.26	0.82	64	863	71	13 424	-1 037.6	1 448.0	1984	95 02
21	28.99	0.046	0.18	0.81	73	856	69	15 173	-1 164.3	1 571.9	1984	86 06 - ABAND 93 12
36	16.91	0.055	0.13	0.81	73	846	69	13 257	-1 090.0	1 547.2	1984	88 12 - ABAND 92 09
6	51.90	0.150	0.12	0.85	49	865	65	13 566	-1 055.8	1 473.8	1985	96 07 - GPP
16	27.76	0.060	0.15	0.87	38	882	73	10 653	-1 042.0	1 621.5	1985	94 11 - GPP
25	37.50	0.050	0.22	0.85	49	878	73	13 205	-1 048.5	1 552.6	1985	96 02 - GPP
16	16.50	0.046	0.27	0.85	51	885	66	13 404	-1 074.7	1 424.3	1972	88 12 - ABAND 94 12
10	75.11	0.083	0.18	0.84	55	865	71	12 678	-1 084.6	1 479.8	1985	94 11 - GPP
22	27.65	0.046	0.33	0.80	84	869	73	15 516	-1 176.6	1 602.4	1985	89 12 - ABAND 91 10
8	31.57	0.070	0.10	0.88	33	878	69	13 173	-1 037.0	1 428.6	1985	89 12
8	8.50	0.040	0.35	0.83	55	823	62	13 279	-1 117.6	1 470.8	1985	94 11 - GPP
16	30.60	0.080	0.15	0.86	41	855	70	14 355	-1 184.4	1 561.8	1986	96 07 - GPP
26	23.46	0.064	0.18	0.78	79	834	79	13 569	-1 214.1	1 579.8	1986	89 12 - GPP
16	35.42	0.062	0.16	0.88	34	850	72	14 445	-1 180.1	1 550.0	1986	96 07 - GPP
11	59.00	0.059	0.20	0.82	64	865	71	13 243	-1 061.4	1 485.7	1967	96 08 - ABAND 96 02
16	23.00	0.050	0.14	0.82	64	865	71	14 936	-1 061.5	1 495.5	1985	91 12 - GPP
10	37.01	0.086	0.16	0.88	33	881	69	15 215	-1 102.6	1 491.3	1986	94 11 - GPP
19	32.63	0.072	0.20	0.84	54	868	71	14 038	-1 047.9	1 439.3	1986	91 12 - GPP
15	40.61	0.057	0.28	0.84	62	876	71	11 008	-1 039.5	1 430.8	1987	96 07 - GPP
16	15.50	0.102	0.18	0.84	54	870	71	14 245	-1 095.9	1 494.3	1987	94 08 - ABAND 94 05
31	18.88	0.039	0.27	0.78	46	857	71	13 625	-1 106.5	1 548.4	1987	88 11 - GPP
16	24.17	0.050	0.23	0.78	89	858	71	13 909	-1 116.3	1 555.3	1987	88 06 - GPP
25	56.52	0.058	0.17	0.81	73	849	78	14 372	-1 102.7	1 594.8	1988	94 12 - GPP
32	14.10	0.055	0.24	0.62	215	822	76	14 462	-1 157.9	1 546.0	1988	90 05
10	25.40	0.048	0.23	0.84	56	845	72	14 141	-1 193.5	1 548.5	1988	94 11 - ABAND 94 02
16	25.10	0.064	0.16	0.81	75	855	68	13 566	-1 091.0	1 512.3	1988	93 12 - GPP
9	13.30	0.083	0.12	0.78	94	858	70	13 520	-1 101.7	1 520.9	1989	95 10 - ABAND 95 07
10	33.50	0.070	0.15	0.86	43	864	71	10 537	-1 132.0	1 486.8	1991	94 11 - GPP
16	28.00	0.110	0.10	0.84	54	868	71	13 572	-1 045.1	1 447.0	1992	96 08 - GPP
10	28.50	0.140	0.16	0.88	185	870	70	18 386	-1 055.7	1 502.5	1992	94 12 - GPP
16	20.00	0.080	0.19	0.81	86	875	70	14 210	-1 069.6	1 508.0	1992	94 08 - ABAND 94 06
16	39.50	0.150	0.11	0.84	54	868	71	13 921	-1 044.7	1 490.3	1992	92 08 - GPP
8	44.70	0.120	0.16	0.86	46	868	67	13 745	-1 050.9	1 450.2	1992	94 12 - GPP
16	23.00	0.050	0.30	0.86	46	868	67	13 098	-1 046.2	1 447.5	1992	94 08 - ABAND 94 05
8	25.50	0.060	0.19	0.86	46	868	67	13 403	-1 034.3	1 428.3	1992	96 07 - GPP
10	61.00	0.150	0.15	0.86	46	868	67	15 228	-1 065.9	1 510.5	1992	96 07 - GPP
16	17.50	0.030	0.38	0.88	42	858	69	10 835	-1 109.5	1 465.8	1993	93 07 - GPP
16	3.00	0.110	0.13	0.86	46	868	71	14 416	-1 096.4	1 498.5	1993	95 12 - GPP
16	14.50	0.100	0.25	0.84	77	857	71	14 248	-1 088.0	1 527.8	1992	96 08
24	28.50	0.050	0.14	0.84	55	867	71	13 350	-1 036.2	1 441.3	1993	93 10 - GPP
36	15.00	0.090	0.12	0.84	77	857	71	13 455	-1 034.5	1 452.5	1992	94 11 - GPP
16	21.50	0.040	0.25	0.87	47	893	62	13 405	-1 074.8	1 431.3	1993	97 12 - GPP
16	33.81	0.100	0.27	0.87	32	875	72	13 784	-1 064.9	1 517.0	1993	94 04 - GPP
16	40.50	0.040	0.29	0.85	46	868	68	14 571	-1 117.0	1 521.3	1994	95 09 - ABAND 95 04
16	23.00	0.080	0.25	0.84	52	855	68	14 597	-1 104.9	1 493.5	1994	94 06 - GPP
16	30.00	0.070	0.30	0.84	49	868	73	13 612	-1 047.0	1 604.0	1994	94 08 - GPP
10	14.00	0.060	0.24	0.87	34	869	72	13 640	-1 042.4	1 610.0	1994	95 05 - GPP
16	48.40	0.110	0.25	0.87	32	875	72	13 652	-1 048.2	1 505.2	1994	96 08
16	50.20	0.110	0.10	0.82	58	843	77	12 104	-1 175.7	1 549.4	1972	95 01 - GPP
16	51.60	0.080	0.15	0.87	41	854	71	14 765	-1 112.8	1 562.1	1985	95 05 - GPP
16	28.40	0.050	0.24	0.82	64	863	71	13 315	-1 035.5	1 447.1	1994	95 05 - GPP
28	32.80	0.040	0.25	0.65	215	829	76	15 049	-1 146.1	1 537.7	1990	97 12 - GPP
16	15.50	0.050	0.20	0.86	43	873	71	13 166	-1 034.1	1 495.3	1994	95 07 - GPP
16	31.00	0.030	0.33	0.86	43	873	71	13 437	-1 040.9	1 567.5	1994	95 07 - GPP
16	21.50	0.120	0.15	0.86	43	873	71	12 814	-1 039.0	1 570.3	1994	95 07 - GPP
16	34.50	0.100	0.22	0.86	43	873	71	12 513	-1 057.4	1 639.8	1995	95 08 - GPP
10	23.00	0.060	0.25	0.86	43	873	71	13 015	-1 033.7	1 592.5	1995	96 03 - GPP
16	21.00	0.050	0.35	0.86	43	873	71	13 253	-1 031.8	1 510.5	1995	95 08 - GPP
16	32.50	0.030	0.15	0.82	60	859	71	13 463	-1 035.4	1 541.8	1995	95 11 - GPP
16	31.00	0.080	0.25	0.88	34	881	62	14 517	-1 108.2	1 497.5	1995	95 11 - GPP
8	31.50	0.080	0.15	0.88	47	892	62	13 466	-1 072.8	1 468.7	1968	96 12 - GPP
16	30.00	0.050	0.15	0.82	60	859	71	13 415	-1 019.9	1 537.0	1995	96 01 - GPP
16	19.50	0.040	0.15	0.81	75	861	72	13 171	-1 033.9	1 489.3	1995	96 07 - GPP
16	21.20	0.050	0.20	0.85	49	864	71		-1 050.5	1 507.4	1985	96 09 - GPP
16	23.00	0.060	0.20	0.85	43	868	68	13 693	-1 061.3	1 684.1	1996	96 09 - GPP
16	8.00	0.060	0.15	0.84	62	863	61	13 654	-1 057.5	1 697.0	1996	96 10 - GPP
8	20.50	0.040	0.17	0.84	62	863	61	14 228	-1 084.2	1 602.8	1996	97 04 - GPP
8	53.00	0.060	0.15	0.84	62	863	61	13 531	-1 062.9	1 673.5	1996	97 04
16	40.00	0.040	0.15	0.84	77	857	71	13 658	-1 064.9	1 684.6	1996	97 01 - GPP
16	27.30	0.040	0.35	0.84	77	857	71	12 285	-1 035.6	1 597.1	1996	97 01 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
ZAMA 117-04W6 (CONTINUED)								
KEG RIVER Y8Y	120.0	0.20		24.0		24.0	4.3	19.7
KEG RIVER B9B	263.0	0.25		65.8		65.8	8.4	57.4
FIELD TOTAL	85 462.0			16 619.9	891.1	17 511.0	15 033.1	2 477.9
UNDEFINED AND CONFIDENTIAL POOLS								
TOTAL UNDEFINED	27 373.5			1 158.2		1 158.2	840.9	317.3
TOTAL CONFIDENTIAL	17 525.1			2 968.4		2 968.4	248.1	2 720.3
TOTAL LIGHT-MEDIUM CRUDE OIL	**7 340 815.2**			**1 520 163.1**	**649 026.7**	**2 169 226.7**	**1 910 032.2**	**259 194.5**

LIGHT-MEDIUM CRUDE OIL POOLS

* FIELD HAS RESERVES BOOKED FOR LIGHT-MEDIUM AND HEAVY CRUDE CATEGORIES

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
16	17.50	0.060	0.16	0.85	43	873	71		-1 024.4	1 613.8	1996	97 12 - GPP
16	48.70	0.060	0.28	0.78	83	831	78		-1 168.9	1 560.6	1968	97 12

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 INITIAL ESTABLISHED RESERVES ENHANCED 10^3m^3	6 INITIAL ESTABLISHED RESERVES TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
ALDERSON 015-11W4								
UPPER MANNVILLE A	107.0	<0.01		0.2		0.2	0.2	
UPPER MANNVILLE C	455.0	<0.08		36.2		36.2	36.2	
UPPER MANNVILLE D	1 387.0			161.0	88.0	249.0	192.8	56.2
TOTAL								
PRIMARY AREA	287.0	0.10		28.7		28.7		
WATER FLOOD AREA	1 100.0	0.12	0.08	132.0	88.0	220.0		
UPPER MANNVILLE F	101.0	<0.01		0.4		0.4	0.4	
UPPER MANNVILLE G	115.0	<0.02		1.7		1.7	1.7	
UPPER MANNVILLE I	376.0	<0.04		11.8		11.8	11.8	
UPPER MANNVILLE J	289.0	<0.04		10.9		10.9	10.9	
UPPER MANNVILLE L	180.0	<0.08		14.2		14.2	14.2	
UPPER MANNVILLE R	873.0			131.0	86.1	217.0	167.5	49.5
TOTAL								
PRIMARY AREA	299.0	0.15		44.9		44.9		
WATER FLOOD AREA	574.0	0.15	0.15	86.1	86.1	172.0		
UPPER MANNVILLE S WATER FLOOD	500.0	0.15	0.20	75.0	100.0	175.0	156.5	18.5
UPPER MANNVILLE T	186.0	<0.11		18.9		18.9	18.9	
UPPER MANNVILLE U	85.9	<0.17		13.8		13.8	13.8	
UPPER MANNVILLE Y	502.0			46.1	24.0	70.1	69.0	1.1
TOTAL								
PRIMARY AREA	22.2	<0.01		0.1		0.1		
WATER FLOOD AREA	480.0	<0.10	0.05	46.0	24.0	70.0		
UPPER MANNVILLE Z WATER FLOOD	1 858.0	0.10	0.30	186.0	557.0	743.0	690.7	52.3
UPPER MANNVILLE AA WATER FLOOD	175.0	0.10	0.05	17.5	8.8	26.3	23.4	2.9
UPPER MANNVILLE BB	146.0	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE EE	127.4	0.15		19.1		19.1	15.8	3.3
UPPER MANNVILLE GG	105.0	<0.02		1.7		1.7	1.7	
UPPER MANNVILLE HH	124.0	<0.04		4.0		4.0	4.0	
UPPER MANNVILLE KK	276.0	0.10		27.6		27.6	13.1	14.5
UPPER MANNVILLE LL	86.7	<0.08		6.4		6.4	6.4	
UPPER MANNVILLE RR	131.0	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE UU	113.0	<0.01		0.2		0.2	0.2	
UPPER MANNVILLE XX	180.0	0.18		32.4		32.4	26.4	6.0
UPPER MANNVILLE YY WATER FLOOD	540.0	0.20	0.10	108.0	54.0	162.0	121.5	40.5
UPPER MANNVILLE H & ZZ	127.0	<0.01		1.1		1.1	1.1	
UMNV B & R2R	154.0	0.10		15.4		15.4	14.2	1.2
UMNV WW & LMNV OO	2 776.0			446.0	120.0	566.0	373.9	192.1
TOTAL								
PRIMARY AREA	375.0	0.10		37.5		37.5		
WATER FLOOD AREA	2 401.0	0.17	0.05	408.0	120.0	528.0		
UPPER MANNVILLE AAA	65.4	<0.03		1.7		1.7	1.7	
UPPER MANNVILLE BBB	40.1	0.25		10.0		10.0	6.2	3.8
UPPER MANNVILLE FFF	179.0	0.10		17.9		17.9	15.3	2.6
UPPER MANNVILLE HHH	76.6	<0.03		2.2		2.2	2.2	
UPPER MANNVILLE III	26.1	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE JJJ	24.2	<0.07		1.5		1.5	1.5	
UPPER MANNVILLE KKK	70.0	<0.03		1.8		1.8	1.8	
UPPER MANNVILLE PPP	14.6	0.04		0.6		0.6	0.6	
UPPER MANNVILLE RRR	69.7	<0.03		1.8		1.8	1.8	
UPPER MANNVILLE TTT WATER FLOOD	449.0	0.10	0.20	44.9	89.8	135.0	81.1	53.9
UPPER MANNVILLE VVV	913.0			183.0	84.0	267.0	117.8	149.2
TOTAL								
PRIMARY AREA	72.9	0.20		14.6		14.6		
WATER FLOOD AREA	840.0	0.20	0.10	168.0	84.0	252.0		
UPPER MANNVILLE XXX WATER FLOOD	160.0	0.10	0.10	16.0	16.0	32.0	28.6	3.4
UPPER MANNVILLE ZZZ	55.2	0.15		8.3		8.3	4.2	4.1
UPPER MANNVILLE D2D	298.0	0.10		29.8		29.8	8.1	21.7
UPPER MANNVILLE L2L	45.6	0.15		6.8		6.8	0.7	6.1
UPPER MANNVILLE M2M	129.0	0.10		12.9		12.9	3.8	9.1
UPPER MANNVILLE N2N	334.0	0.10		33.4		33.4	11.4	22.0
UPPER MANNVILLE T2T	87.6	0.10		8.8		8.8	0.8	8.0
LOWER MANNVILLE A	848.0	0.20		170.0		170.0	147.1	22.9
LOWER MANNVILLE B	3 029.0			364.0	174.0	538.0	486.7	51.3
TOTAL								
PRIMARY AREA	848.0	0.12		102.0		102.0		

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
65	1.22	0.220	0.30	0.88	41	910	32	10 741	-226.4	991.8	1970	70 01 - ABAND 75 11
253	1.14	0.230	0.22	0.88	50	928	30	11 266	-236.0	1 013.1	1970	94 05 - ABAND 93 10
380					54	898	33	10 667	-198.5	954.2	1970	97 08
64	4.10	0.240	0.50	0.91								
316	3.00	0.220	0.42	0.91								- GPP
32	2.44	0.230	0.36	0.88	43	965	32	10 920	-199.5	987.1	1972	93 12 - ABAND 93 09
8	11.58	0.210	0.33	0.88	53	898	32	11 366	-253.3	1 021.1	1973	92 11 - ABAND 95 01
170	1.81	0.190	0.27	0.88	50	876	31	10 827	-216.1	980.1	1973	96 07 - GPP
64	4.31	0.170	0.30	0.88	57	921	31	11 318	-250.2	1 050.3	1976	94 12 - ABAND 93 09
64	2.00	0.200	0.20	0.88	53	865	34	11 009	-226.8	987.9	1972	83 06 - ABAND 91 08
80					72	890	31	11 121	-246.3	1 024.4	1978	92 04
16	11.26	0.230	0.19	0.89								
64	5.48	0.230	0.20	0.89								- GPP
60	4.32	0.270	0.17	0.86	99	887	31	11 364	-249.9	1 028.1	1979	93 03 - GPP
83	1.60	0.210	0.23	0.87	54	887	28	9 948	-235.2	1 014.2	1979	96 07 - GPP
32	2.76	0.170	0.35	0.88	58	900	30	10 449	-231.0	995.1	1980	95 09 - ABAND 95 06
83					69	882	28	11 316	-246.6	1 029.4	1980	96 09
16	1.00	0.210	0.25	0.88								
67	4.28	0.250	0.23	0.87								- GPP
184	6.69	0.230	0.19	0.81	39	891	33	11 216	-246.5	1 025.7	1980	92 05 - GPP
32	3.40	0.220	0.15	0.86	68	887	34	11 161	-248.4	1 026.7	1978	97 12 - GPP
32	3.00	0.220	0.23	0.90	48	925	31	9 788	-238.6	1 018.0	1980	86 12 - ABAND 93 11
32	2.00	0.260	0.13	0.88	48	856	32	10 623	-234.3	1 014.0	1980	88 12 - GPP
32	3.60	0.160	0.35	0.88	68	888	31	11 348	-247.6	1 032.7	1980	83 12 - ABAND 86 01
64	1.80	0.170	0.28	0.88	41	904	35	10 882	-233.2	1 012.9	1974	94 05 - ABAND 93 11
96	2.30	0.200	0.29	0.88	49	868	31	11 419	-232.0	994.8	1981	83 06 - GPP
16	4.00	0.220	0.30	0.88	50	930	32	10 183	-204.1	995.0	1982	85 12 - ABAND 90 05
32	4.30	0.180	0.40	0.88	50	888	31	11 017	-227.8	990.2	1980	89 12 - ABAND 91 07
32	2.00	0.250	0.20	0.88	50	892	29	9 929	-240.6	1 017.8	1983	86 12 - ABAND 89 07
54	3.50	0.180	0.40	0.88	50	871	30	10 986	-214.1	970.5	1984	91 12 - GPP
88	3.30	0.270	0.20	0.86	57	898	32	11 213	-241.6	1 009.9	1971	93 10 - GPP
64	1.82	0.202	0.40	0.90	27	946	32	11 986	-211.8	958.0	1973	85 06 - ABAND 85 09
65	1.52	0.240	0.26	0.88	41	946	32	11 504	-224.4	990.1	1969	87 12 - GPP
547					50	895	28	10 517	-229.1	980.4	1984	95 11
112	3.12	0.200	0.39	0.88								
435	5.53	0.180	0.37	0.88								- GPP
16	3.30	0.210	0.33	0.88	51	921	30	10 601	-208.0	959.0	1985	95 07 - ABAND 94 05
32	1.30	0.170	0.37	0.90	39	888	30	10 971	-237.1	1 002.4	1985	95 12 - GPP
32	3.65	0.260	0.33	0.88	35	966	30	10 850	-155.2	921.1	1986	89 08 - GPP
16	2.50	0.259	0.16	0.88	42	910	33	9 607	-248.4	1 026.3	1987	94 12 - ABAND 93 07
16	1.00	0.235	0.27	0.95	35	964	29	9 549	-153.5	921.2	1987	92 12 - ABAND 92 09
16	2.00	0.140	0.40	0.90	42	910	33	11 658	-213.2	967.0	1987	96 07 - ABAND 96 05
16	2.80	0.240	0.26	0.88	71	910	32	9 417	-245.0	1 022.1	1988	94 05 - ABAND 93 08
16	1.20	0.170	0.51	0.91	38	932	33	9 893	-239.8	1 024.6	1989	95 02 - ABAND 94 02
16	5.00	0.180	0.45	0.88	60	868	31	11 177	-239.2	1 019.5	1978	96 07 - ABAND 93 03
58	4.07	0.270	0.18	0.86	42	910	33	11 103	-255.8	1 032.4	1991	93 03 - GPP
150					71	911	32	10 544	-238.7	1 007.2	1991	96 02
16	4.50	0.190	0.38	0.86								
134	3.80	0.240	0.20	0.86								- GPP
16	6.04	0.250	0.23	0.86	60	868	31	10 530	-259.7	1 036.5	1992	93 03 - GPP
8	6.60	0.220	0.50	0.95	20	930	30	11 646	-207.2	966.8	1992	95 12 - GPP
33	5.64	0.240	0.25	0.89	53	877	30	11 283	-253.6	1 014.3	1994	96 01
16	3.10	0.180	0.42	0.88	60	868	32	10 927	-241.4	1 020.4	1980	96 03
16	5.00	0.250	0.30	0.92	39	951	32	7 752	-183.5	961.5	1995	96 04 - GPP
32	7.20	0.260	0.38	0.90	42	910	33	7 786	-179.5	955.6	1995	96 10 - GPP
32	2.00	0.230	0.36	0.93	32	952	30		-178.3	950.5	1996	97 08 - GPP
228	2.56	0.220	0.25	0.88	41	904	32	10 265	-180.1	925.2	1962	97 03 - GPP
756					41	904	31	10 493	-193.5	948.0	1964	93 06
241	2.81	0.240	0.42	0.90								

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 INITIAL ESTABLISHED RESERVES ENHANCED 10^3m^3	6 INITIAL ESTABLISHED RESERVES TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
ALDERSON 015-11W4 (CONTINUED)								
WATER FLOOD AREA	2 181.0	0.12	0.08	262.0	174.0	436.0		
LOWER MANNVILLE E	173.0	<0.01		0.4		0.4	0.4	
LOWER MANNVILLE F	1 348.0	0.20		270.0		270.0	162.0	108.0
LOWER MANNVILLE H	1 042.0	0.15		156.0		156.0	93.3	62.7
LOWER MANNVILLE J	817.0	0.05		40.9		40.9	36.3	4.6
LOWER MANNVILLE M	49.5	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE N	84.4	0.18		15.2		15.2	14.3	0.9
LOWER MANNVILLE O	410.0	0.07		28.7		28.7	21.9	6.8
LOWER MANNVILLE P	20.5	<0.02		0.4		0.4	0.4	
LOWER MANNVILLE Q	455.0	0.05		22.8		22.8	13.4	9.4
LOWER MANNVILLE R	59.1	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE S	43.4	<0.07		2.7		2.7	2.7	
LOWER MANNVILLE U	111.0	0.15		16.7		16.7	11.4	5.3
LOWER MANNVILLE W	261.0	0.15		39.2		39.2	26.0	13.2
LOWER MANNVILLE X	165.0	0.15		24.8		24.8	15.8	9.0
LOWER MANNVILLE Y	84.2	<0.06		4.4		4.4	4.4	
LOWER MANNVILLE Z	288.0	0.13		37.4		37.4	33.7	3.7
LOWER MANNVILLE AA	604.0	0.05		30.2		30.2	13.9	16.3
LOWER MANNVILLE BB	639.0	0.15		95.9		95.9	74.8	21.1
LOWER MANNVILLE DD	94.1	<0.02		1.2		1.2	1.2	
LOWER MANNVILLE EE	102.0	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE FF	35.4	<0.07		2.3		2.3	2.3	
LOWER MANNVILLE HH	200.0	<0.05		8.8		8.8	8.8	
LOWER MANNVILLE II	68.4	<0.02		0.8		0.8	0.8	
LOWER MANNVILLE JJ	210.0	0.10		21.0		21.0	16.6	4.4
LOWER MANNVILLE KK	243.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE LL	49.8	<0.10		4.8		4.8	4.8	
LOWER MANNVILLE MM	136.0	0.20		27.2		27.2	24.2	3.0
LOWER MANNVILLE NN	82.4	<0.07		5.2		5.2	5.2	
LOWER MANNVILLE PP	148.0	<0.01		0.6		0.6	0.6	
LOWER MANNVILLE TT	2 747.0	0.15		412.0		412.0	206.7	205.3
LOWER MANNVILLE UU	114.0	<0.01		0.5		0.5	0.5	
LOWER MANNVILLE VV	103.0	<0.06		5.9		5.9	5.9	
LOWER MANNVILLE XX	97.1	0.10		9.7		9.7	4.0	5.7
LOWER MANNVILLE YY	41.8	<0.01		0.3		0.3	0.3	
LOWER MANNVILLE ZZ	76.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE AAA	1 076.0	0.22		237.0		237.0	147.8	89.2
LOWER MANNVILLE BBB	31.7	<0.03		0.9		0.9	0.9	
LOWER MANNVILLE CCC	54.1	0.20		10.8		10.8	8.5	2.3
LOWER MANNVILLE DDD	28.6	<0.10		2.8		2.8	2.8	
LOWER MANNVILLE EEE	10.3	<0.03		0.3		0.3	0.3	
LOWER MANNVILLE FFF	44.4	<0.01		0.4		0.4	0.4	
LOWER MANNVILLE HHH	32.5	0.15		4.9		4.9	3.0	1.9
LOWER MANNVILLE III	25.7	<0.05		1.2		1.2	1.2	
LOWER MANNVILLE KKK	27.9	0.17		4.7		4.7	4.0	0.7
LOWER MANNVILLE MMM	76.0	0.15		11.4		11.4	9.0	2.4
LOWER MANNVILLE OOO	13.2	<0.02		0.2		0.2	0.2	
LOWER MANNVILLE QQQ	128.0	0.15		19.2		19.2	12.5	6.7
LOWER MANNVILLE RRR	46.3	<0.01		0.3		0.3	0.3	
LOWER MANNVILLE TTT	47.7	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE UUU	89.9	<0.03		1.9		1.9	1.9	
LOWER MANNVILLE A2A	600.0	0.25		150.0		150.0	138.8	11.2
LOWER MANNVILLE C2C	229.0	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE G2G	9.4	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE H2H	1 348.0	0.35		472.0		472.0	330.0	142.0
LOWER MANNVILLE I2I	52.4	<0.02		0.9		0.9	0.9	
LOWER MANNVILLE K2K	107.0	0.25		26.8		26.8	21.4	5.4
LOWER MANNVILLE L2L	106.0	0.13		13.8		13.8	13.3	0.5
LOWER MANNVILLE M2M	666.0	0.20		133.0		133.0	70.2	62.8
LOWER MANNVILLE N2N	128.0	<0.01		0.6		0.6	0.6	
LOWER MANNVILLE O2O	149.0	0.20		29.8		29.8	24.2	5.6
LOWER MANNVILLE P2P	209.0	0.10		20.9		20.9	14.9	6.0
LOWER MANNVILLE Q2Q	333.0	0.30		100.0		100.0	59.6	40.4
LOWER MANNVILLE R2R	603.0	0.30		181.0		181.0	138.5	42.5
LOWER MANNVILLE S2S	39.0	0.15		5.9		5.9	1.2	4.7
LOWER MANNVILLE T2T	65.8	0.13		8.6		8.6	6.9	1.7
LOWER MANNVILLE V2V	52.9	<0.11		5.5		5.5	5.5	
LOWER MANNVILLE W2W	58.5	0.20		11.7		11.7	6.3	5.4
LOWER MANNVILLE X2X	64.7	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE Y2Y	181.0	0.10		18.1		18.1	8.0	10.1
LOWER MANNVILLE Z2Z	444.0	0.20		88.8		88.8	55.3	33.5

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
515	3.38	0.240	0.42	0.90								- GPP
65	2.74	0.170	0.35	0.88	41	881	32	11 101	-235.3	1 008.6	1970	71 03 - ABAND 71 10
231	3.90	0.250	0.32	0.88	53	876	30	10 551	-214.8	975.7	1971	95 12 - GPP
100	6.07	0.300	0.35	0.88	54	904	32	10 577	-210.0	966.4	1969	97 12 - GPP
128	4.63	0.224	0.30	0.88	53	855	36	11 404	-239.3	1 027.0	1972	82 12 - GPP
32	2.00	0.150	0.40	0.86	64	888	35	9 969	-275.5	1 052.0	1979	83 12
32	2.10	0.210	0.32	0.88	58	888	30	10 171	-266.4	1 047.7	1979	93 12 - GPP
192	1.81	0.190	0.31	0.90	40	912	32	10 734	-217.4	967.9	1980	96 08 - GPP
16	1.80	0.160	0.50	0.89	50	912	31	11 816	-229.4	985.3	1970	96 07 - GPP
32	13.20	0.210	0.43	0.90	34	939	34	10 037	-252.5	1 016.9	1980	81 09 - GPP
16	3.60	0.190	0.40	0.90	43	939	34	10 422	-258.3	1 024.8	1981	82 03 - ABAND 95 01
32	2.00	0.110	0.30	0.88	58	878	29	10 787	-267.6	1 049.5	1981	88 12 - ABAND 96 09
16	5.70	0.190	0.29	0.90	40	914	34	11 263	-270.3	1 050.4	1981	95 12 - GPP
32	8.00	0.210	0.46	0.90	41	923	28	10 325	-205.7	961.0	1981	95 12 - GPP
32	6.60	0.160	0.44	0.87	65	890	31	10 063	-264.8	1 044.0	1980	95 12 - GPP
16	5.00	0.180	0.35	0.90	41	897	31	11 059	-253.8	1 029.9	1982	94 05 - ABAND 93 05
128	2.41	0.176	0.41	0.90	41	917	31	10 471	-191.4	938.0	1982	94 12 - GPP
64	7.53	0.220	0.40	0.95	24	930	33	10 505	-207.0	966.7	1982	92 05 - GPP
64	7.70	0.210	0.35	0.95	19	908	32	10 444	-204.6	971.6	1982	95 12 - GPP
32	4.43	0.150	0.48	0.85	67	875	32	11 084	-253.6	1 032.0	1973	93 04 - ABAND 92 07
16	6.20	0.190	0.40	0.90	40	933	31	7 757	-229.5	974.3	1982	83 05 - ABAND 94 07
32	1.00	0.200	0.35	0.85	67	875	32	11 044	-264.1	1 042.0	1982	92 09 - ABAND 90 02
56	2.38	0.280	0.39	0.88	47	904	34	10 091	-185.4	944.0	1982	94 07 - ABAND 93 07
16	3.30	0.240	0.40	0.90	39	969	34	10 045	-180.2	939.2	1982	83 06 - ABAND 86 11
16	13.00	0.190	0.41	0.90	41	933	33	10 491	-209.4	971.1	1982	91 12 - GPP
32	8.50	0.178	0.43	0.88	50	907	33	10 295	-201.9	950.3	1983	83 11 - ABAND 91 07
16	3.60	0.160	0.40	0.90	41	910	28	10 223	-189.4	934.3	1982	96 07 - ABAND 96 06
16	7.50	0.180	0.30	0.90	42	890	31	11 362	-240.8	1 002.2	1983	95 12 - GPP
32	2.00	0.220	0.35	0.90	42	887	30	9 763	-209.7	967.3	1983	96 07 - GPP
16	6.70	0.230	0.32	0.88	52	928	33	10 640	-218.9	981.8	1983	89 12 - ABAND 90 06
598	3.40	0.230	0.34	0.89	41	927	27	10 631	-192.6	945.9	1983	95 12 - GPP
16	5.20	0.240	0.35	0.88	50	930	34	10 182	-208.8	1 019.6	1982	96 12
16	6.10	0.200	0.40	0.88	50	943	33	10 458	-209.4	984.3	1983	96 07
64	1.26	0.240	0.43	0.88	50	915	30	10 187	-196.6	1 018.0	1983	93 06 - GPP
16	3.60	0.150	0.45	0.88	50	890	31	10 347	-258.5	1 037.2	1983	88 12 - ABAND 93 06
16	5.00	0.180	0.40	0.88	50	882	31	10 398	-264.9	1 041.5	1983	84 10 - ABAND 84 06
128	5.90	0.240	0.34	0.90	37	877	29	10 500	-212.6	965.5	1971	97 12 - GPP
16	1.20	0.250	0.25	0.88	42	904	32	10 996	-262.9	1 041.1	1980	88 12 - ABAND 89 06
16	3.90	0.170	0.40	0.85	65	902	31	10 755	-249.6	1 030.2	1982	95 12 - GPP
16	2.50	0.140	0.40	0.85	65	902	31	11 009	-263.4	1 043.9	1982	93 05 - ABAND 93 01
16	0.60	0.180	0.32	0.88	53	895	30	10 309	-238.1	988.8	1984	84 11 - ABAND 87 12
16	2.50	0.180	0.30	0.88	67	875	33	10 528	-282.4	1 057.6	1984	89 12 - ABAND 93 06
16	2.10	0.200	0.45	0.88	54	928	30	10 149	-203.6	964.0	1984	97 06 - GPP
16	1.80	0.160	0.38	0.90	40	904	30	11 006	-247.1	1 022.8	1973	95 01 - ABAND 94 02
32	1.00	0.180	0.45	0.88	53	897	30	10 341	-235.5	982.8	1984	95 12 - GPP
32	2.50	0.180	0.40	0.88	50	900	32	9 846	-182.9	928.7	1984	95 12 - GPP
16	1.00	0.180	0.48	0.88	50	925	30	9 372	-186.2	932.2	1984	85 05 - ABAND 86 09
32	4.00	0.180	0.37	0.88	50	880	30	9 330	-245.2	995.7	1984	89 12 - GPP
16	2.20	0.220	0.35	0.92	33	880	30	9 999	-213.8	976.4	1984	85 05 - ABAND 88 10
16	3.90	0.170	0.50	0.90	42	871	31	11 511	-260.2	1 004.0	1985	85 07
16	5.40	0.170	0.32	0.90	42	890	33	11 111	-265.0	1 040.2	1984	94 07 - ABAND 93 08
113	5.39	0.190	0.39	0.85	64	892	32	10 947	-237.4	986.5	1962	88 12 - GPP
32	4.90	0.220	0.30	0.95	26	920	21	10 382	-216.0	964.7	1985	86 03 - ABAND 91 11
16	1.40	0.160	0.70	0.87	59	886	29	10 529	-245.2	993.5	1986	87 07 - ABAND 88 03
340	2.86	0.250	0.37	0.88	53	876	30	10 564	-217.9	977.4	1971	97 03 - GPP
16	4.30	0.160	0.44	0.85	67	875	39	10 220	-243.4	996.9	1987	96 06 - GPP
32	3.63	0.170	0.35	0.83	67	852	39	9 791	-237.6	996.8	1987	95 12
32	3.09	0.180	0.30	0.85	48	904	32	10 135	-204.5	959.2	1962	93 12 - GPP
202	3.78	0.170	0.41	0.87	59	886	29	10 630	-217.8	963.4	1979	97 08 - GPP
16	6.22	0.230	0.38	0.90	41	910	28	10 793	-219.3	971.4	1990	96 07 - GPP
45	2.19	0.250	0.33	0.90	43	904	29	10 453	-218.8	972.4	1978	91 12 - GPP
81	1.94	0.250	0.41	0.90	43	904	29	10 469	-185.4	943.1	1966	91 07 - GPP
110	2.40	0.230	0.37	0.87	59	886	29	10 385	-215.3	966.9	1991	96 03 - GPP
150	3.10	0.240	0.40	0.90	43	904	29	10 297	-217.7	967.9	1991	95 12 - GPP
16	3.50	0.160	0.50	0.87	59	886	29	11 203	-280.1	1 058.1	1991	92 03 - GPP
16	3.00	0.250	0.37	0.87	59	886	29	11 085	-266.2	1 048.5	1991	93 12 - GPP
32	1.80	0.180	0.40	0.85	67	875	32	11 139	-270.0	1 047.3	1991	96 07 - GPP
16	2.50	0.250	0.35	0.90	43	904	29	11 146	-273.0	1 049.3	1991	93 12 - GPP
16	3.00	0.240	0.39	0.92	39	904	28	8 102	-210.4	968.3	1992	93 02 - ABAND 92 02
16	9.00	0.240	0.43	0.92	39	904	28	8 776	-202.6	1 000.2	1992	92 06 - GPP
131	2.84	0.230	0.39	0.85	67	875	32	10 388	-169.2	918.6	1992	95 12 - GPP

TABLE 2-6

FIELD POOL	1	2	3	4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
ALDERSON 015-11W4 (CONTINUED)								
LOWER MANNVILLE A3A	200.0	<0.02		3.8		3.8	3.8	
LOWER MANNVILLE C3C	146.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE D3D TOTAL	956.0			144.0	66.2	210.0	103.4	106.6
PRIMARY AREA	515.0	0.15		77.3		77.3		
WATER FLOOD AREA	441.0	0.15	0.15	66.2	66.2	132.0		
LOWER MANNVILLE E3E WATER FLOOD	600.0	0.15	0.10	90.0	60.0	150.0	45.9	104.1
LOWER MANNVILLE F3F	72.2	0.15		10.8		10.8	2.2	8.6
LOWER MANNVILLE G3G	82.3	<0.03		1.8		1.8	1.8	
LOWER MANNVILLE H3H	50.9	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE N3N	469.0	0.20		93.8		93.8	68.2	25.6
LOWER MANNVILLE O3O	119.0	<0.01		0.5		0.5	0.5	
LOWER MANNVILLE P3P	421.0	0.20		84.2		84.2	27.7	56.5
LOWER MANNVILLE Q3Q	281.0	0.20		56.2		56.2	9.7	46.5
LOWER MANNVILLE S3S	213.0	0.15		32.0		32.0	24.2	7.8
LOWER MANNVILLE T3T	154.0	0.15		23.1		23.1	2.9	20.2
LOWER MANNVILLE U3U	83.5	0.20		16.7		16.7	9.7	7.0
LOWER MANNVILLE V3V	198.0	0.20		39.6		39.6	35.2	4.4
LOWER MANNVILLE W3W	54.0	0.10		5.4		5.4	0.3	5.1
LOWER MANNVILLE Y3Y	375.0	0.25		93.8		93.8	34.3	59.5
LOWER MANNVILLE Z3Z	61.1	0.10		6.1		6.1	2.4	3.7
LOWER MANNVILLE A4A	104.0	0.10		10.4		10.4	5.2	5.2
LOWER MANNVILLE B4B	547.0	0.10		54.7		54.7	4.2	50.5
LOWER MANNVILLE C4C	61.3	0.10		6.1		6.1	0.8	5.3
LOWER MANNVILLE D4D	1 997.0	0.10		200.0		200.0	60.3	139.7
LOWER MANNVILLE E4E	54.4	0.10		5.4		5.4	1.8	3.6
LOWER MANNVILLE F4F	88.4	0.10		8.8		8.8	1.2	7.6
LOWER MANNVILLE H4H	371.0	0.15		55.7		55.7	7.3	48.4
LOWER MANNVILLE I4I	81.1	0.15		12.2		12.2	1.4	10.8
LOWER MANNVILLE I3I & DETRITAL J	728.0	0.15		109.0		109.0	79.8	29.2
DETRITAL A	178.0	0.10		17.8		17.8	9.7	8.1
DETRITAL B	75.4	<0.10		7.0		7.0	7.0	
DETRITAL C	77.4	0.10		7.7		7.7	7.6	0.1
DETRITAL D	146.0	<0.01		0.4		0.4	0.4	
DETRITAL F	143.0	<0.03		3.6		3.6	3.6	
DETRITAL G	54.1	<0.01		0.1		0.1	0.1	
DETRITAL H	112.0	<0.01		0.6		0.6	0.6	
DETRITAL I	32.6	<0.03		0.9		0.9	0.9	
LIVINGSTONE B	74.4	0.15		11.2		11.2	0.1	11.1
PEKISKO B	70.2	<0.01		0.3		0.3	0.3	
PEKISKO C	88.1	<0.01		0.2		0.2	0.2	
PEKISKO D	77.2	0.10		7.7		7.7	0.6	7.1
PEKISKO E	29.1	0.20		5.8		5.8	4.0	1.8
PEKISKO F	11.8	0.05		0.6		0.6	0.1	0.5
PEKISKO G	37.5	0.20		7.5		7.5	1.2	6.3
FIELD TOTAL	47 145.2			6 388.7	1 527.9	7 916.6	5 375.1	2 541.5
ALEXANDER 056-27W4								
BASAL QUARTZ D	175.0	<0.01		0.6		0.6	0.6	
BASAL QUARTZ E	62.8	<0.11		6.4		6.4	6.4	
BASAL QUARTZ G	178.0	0.10		17.8		17.8	13.1	4.7
BASAL QUARTZ K	517.0	0.05		25.9		25.9	2.7	23.2
BASAL QUARTZ L	271.0	0.10		27.1		27.1	2.6	24.5
WABAMUN B	127.0	<0.01		0.3		0.3	0.3	
WABAMUN C	42.7	<0.05		1.8		1.8	1.8	
WABAMUN D	153.0	<0.01		1.0		1.0	1.0	
WABAMUN E	67.6	<0.11		7.3		7.3	7.3	
WABAMUN F	31.3	<0.08		2.2		2.2	2.2	
FIELD TOTAL	1 625.4			90.4		90.4	38.0	52.4
ALEXIS 055-04W5								
OSTRACOD A	159.0	<0.01		0.7		0.7	0.7	
OSTRACOD B	296.0	<0.04		9.8		9.8	9.8	
BANFF A	6 495.0	0.12		779.0		779.0	657.6	121.4
FIELD TOTAL	6 950.0			789.5		789.5	668.1	121.4

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
16	8.67	0.220	0.31	0.95	42	940	32	10 462	-205.9	960.3	1982	96 07 - GPP
16	5.50	0.270	0.33	0.92	39	904	28	10 554	-210.6	973.8	1992	96 03 - ABAND 94 01
197					45	869	29	10 221	-173.0	924.2	1993	97 12
110	3.70	0.210	0.33	0.90								
87	4.00	0.210	0.33	0.90								- GPP
181	3.80	0.190	0.46	0.85	67	875	32	10 404	-172.5	923.3	1992	95 04 - GPP
32	2.79	0.170	0.44	0.85	67	875	32	10 235	-277.3	1 057.7	1978	93 08 - GPP
16	3.40	0.240	0.30	0.90	45	869	29	10 258	-174.1	926.1	1993	96 07 - GPP
16	2.20	0.240	0.33	0.90	45	869	29	10 212	-170.9	922.9	1993	96 07 - GPP
122	3.50	0.200	0.41	0.93	35	901	32	10 464	-177.2	927.8	1994	94 08 - GPP
16	6.50	0.200	0.35	0.88	51	934	32	10 436	-211.6	966.4	1982	83 06 - ABAND 90 05
138	2.30	0.220	0.33	0.90	45	869	29	10 390	-194.9	952.5	1994	95 05
70	2.50	0.230	0.25	0.93	35	901	32	10 202	-193.9	953.7	1994	95 01 - GPP
32	3.30	0.300	0.22	0.86	100	894	30	10 159	-251.8	1 003.8	1984	95 01 - GPP
32	3.80	0.230	0.39	0.90	41	910	28	10 500	-185.8	943.5	1993	95 01 - GPP
16	4.00	0.250	0.40	0.87	59	886	29	10 468	-208.8	965.2	1994	95 12 - GPP
48	3.09	0.240	0.36	0.87	59	886	29	10 500	-212.6	968.9	1994	95 11 - GPP
16	3.30	0.200	0.45	0.93	35	901	32	8 451	-168.9	919.4	1994	95 04 - GPP
64	3.93	0.270	0.38	0.89	50	878	32	10 028	-224.1	974.6	1995	97 08 - GPP
16	2.20	0.250	0.22	0.89	50	877	32	10 187	-196.6	945.6	1995	95 12 - GPP
16	5.50	0.210	0.37	0.89	5	877	32	10 161	-197.0	945.4	1995	95 12 - GPP
133	3.50	0.220	0.40	0.89	50	878	32	8 766	-213.4	969.0	1994	97 08
16	2.40	0.230	0.22	0.89	50	878	32	10 003	-182.2	930.3	1995	96 01 - GPP
379	4.07	0.210	0.33	0.92	50	877	32	9 738	-206.6	964.0	1995	97 08
16	2.60	0.220	0.34	0.90	50	900	32	10 210	-216.9	968.5	1995	96 02 - GPP
16	4.20	0.220	0.35	0.92	39	951	31	10 415	-199.9	972.7	1995	96 08 - GPP
108	3.40	0.200	0.42	0.87	59	886	29	10 168	-217.7	972.5	1996	97 10 - GPP
16	3.80	0.250	0.42	0.92	37	921	27		-212.1	970.7	1996	97 06 - GPP
114	5.14	0.230	0.40	0.90	45	869	29	10 165	-177.9	931.3	1993	94 09 - GPP
64	2.50	0.200	0.37	0.88	50	902	31	13 070	-269.1	1 045.0	1983	83 07 - GPP
32	3.03	0.170	0.48	0.88	52	895	33	10 781	-240.7	991.9	1983	96 07 - GPP
32	2.50	0.200	0.45	0.88	52	888	31	10 694	-241.7	993.0	1983	85 12 - GPP
64	2.10	0.190	0.35	0.88	52	893	31	7 874	-227.8	978.2	1985	85 08 - ABAND 85 12
32	3.40	0.230	0.33	0.85	64	892	32	10 486	-241.4	991.5	1963	85 12 - ABAND 89 03
16	4.00	0.190	0.47	0.84	69	892	32	10 817	-213.2	963.3	1988	96 07 - ABAND 89 09
16	7.30	0.210	0.45	0.83	66	852	39	10 788	-211.2	983.1	1988	96 07
16	1.80	0.190	0.30	0.85	66	875	32	11 053	-279.3	1 049.9	1988	94 05 - ABAND 93 04
32	3.30	0.110	0.28	0.89	42	870	29	11 089	-222.7	978.7	1995	95 09
32	3.30	0.100	0.30	0.95	20	885	33	7 042	-215.1	983.7	1991	92 12 - ABAND 92 02
16	8.30	0.120	0.43	0.97	11	922	31	10 245	-221.5	970.8	1992	92 10 - ABAND 92 08
32	5.00	0.090	0.33	0.80	50	901	34	11 077	-221.1	1 001.5	1994	95 05 - GPP
16	5.00	0.150	0.75	0.97	25	958	27	11 024	-174.1	932.6	1994	95 12
16	3.50	0.090	0.75	0.94	31	983	30	9 889	-136.2	926.8	1996	96 09 - GPP
16	3.60	0.090	0.23	0.94	31	983	31		-198.2	952.1	1996	97 07 - GPP
65	3.05	0.160	0.35	0.85	35	927	38	8 883	-459.8	1 157.5	1968	71 12 - ABAND 93 08
32	1.52	0.230	0.34	0.85	66	887	48	9 641	-523.5	1 224.8	1976	95 05 - ABAND 93 08
64	2.20	0.200	0.21	0.80	90	860	39	7 470	-516.4	1 226.7	1983	84 10 - GPP
48	6.15	0.240	0.24	0.96	14	900	30	7 366	-480.3	1 193.5	1994	95 08 - GPP
64	3.00	0.220	0.31	0.93	30	914	35	7 479	-484.5	1 202.4	1995	97 09
16	10.06	0.124	0.25	0.85	39	927	48	9 223	-536.4	1 234.1	1968	71 12 - ABAND 72 12
16	5.90	0.095	0.44	0.85	64	938	37	9 308	-535.2	1 241.8	1984	95 01 - ABAND 94 10
32	5.00	0.160	0.37	0.95	15	940	43	9 848	-598.8	1 310.5	1983	84 02 - ABAND 86 06
64	2.30	0.090	0.40	0.85	78	939	34	9 353	-540.4	1 247.4	1981	94 01 - ABAND 93 09
16	2.70	0.130	0.36	0.87	54	923	38	10 239	-486.3	1 197.4	1985	92 10 - ABAND 93 09
65	2.44	0.160	0.30	0.90	50	921	43	11 429	-630.8	1 362.0	1968	71 12 - ABAND 71 12
65	3.66	0.200	0.30	0.89	44	946	43	11 405	-640.0	1 385.5	1970	95 01 - ABAND 94 11
640	14.02	0.130	0.36	0.87	51	921	43	11 538	-637.4	1 374.5	1968	94 12 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
ALSASK 027-01W4								
UPPER MANNVILLE J	88.9	0.10		8.9		8.9		8.9
LOWER MANNVILLE A	148.0	0.10		14.8		14.8	6.0	8.8
FIELD TOTAL	236.9			23.7		23.7	6.0	17.7
ALSIKE 049-02W5								
GLAUCONITIC A	57.1	<0.01		0.1		0.1	0.1	
BANFF B	48.4	<0.01		0.3		0.3	0.3	
FIELD TOTAL *	105.5			0.4		0.4	0.4	
ALTARIO 035-01W4								
MCLAREN A	82.3	<0.03		1.9		1.9	1.9	
GLAUCONITIC B	72.4	<0.01		0.1		0.1	0.1	
GLAUCONITIC C	56.0	<0.01		0.2		0.2	0.2	
CUMMINGS A	327.0	<0.01		0.1		0.1	0.1	
BAKKEN A	980.0	0.02		19.6		19.6	14.6	5.0
BAKKEN D	33.0	0.05		1.7		1.7	0.5	1.2
FIELD TOTAL	1 550.7			23.6		23.6	17.4	6.2
ANTE CREEK 066-24W5								
NORDEGG A	670.0	0.05		33.5		33.5	30.0	3.5
FIELD TOTAL *	670.0			33.5		33.5	30.0	3.5
ANTELOPE 029-01W4								
UPPER MANNVILLE A	112.0	<0.02		1.2		1.2	1.2	
BAKKEN A	137.0	<0.01		0.2		0.2	0.2	
FIELD TOTAL *	249.0			1.4		1.4	1.4	
ARMADA 016-19W4								
UPPER MANNVILLE E	318.0	<0.01		0.4		0.4	0.4	
UPPER MANNVILLE H	169.0	0.05		8.5		8.5	5.4	3.1
UPPER MANNVILLE L	73.0	0.10		7.3		7.3	0.3	7.0
BASAL QUARTZ C	6.3	<0.05		0.3		0.3	0.3	
FIELD TOTAL *	566.3			16.5		16.5	6.4	10.1
ATIM 054-27W4								
OSTRACOD A	116.0	<0.01		0.2		0.2	0.2	
FIELD TOTAL *	116.0			0.2		0.2	0.2	
ATLEE-BUFFALO 021-06W4								
UPPER MANNVILLE A	154.0	0.17		26.2		26.2	16.6	9.6
UPPER MANNVILLE F	3 803.0	0.03		114.0		114.0	101.2	12.8
UPPER MANNVILLE G	5 065.0	<0.04		192.4		192.4	192.4	
UPPER MANNVILLE K	46.7	<0.05		1.9		1.9	1.9	
UPPER MANNVILLE P	413.0	0.05		20.6		20.6	9.6	11.0
UPPER MANNVILLE R	14.0	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE S	34.2	<0.01		0.2		0.2	0.2	
GLAUCONITIC A	142.0	<0.02		1.6		1.6	1.6	
GLAUCONITIC B	25.1	<0.01		0.2		0.2	0.2	
GLAUCONITIC D	151.0	<0.01		0.4		0.4	0.4	
GLAUCONITIC E	29.2	<0.05		1.3		1.3	1.3	
GLAUCONITIC G	433.0	0.10		43.3		43.3	10.5	32.8
GLAUCONITIC H	534.0	0.20		107.0		107.0	62.1	44.9
OSTRACOD A	22.5	<0.01		0.1		0.1	0.1	
BASAL MANNVILLE B	192.0	<0.01		0.1		0.1	0.1	
BASAL MANNVILLE D	114.0	<0.01		0.5		0.5	0.5	
BASAL MANNVILLE E	79.5	<0.09		7.0		7.0	7.0	
BASAL MANNVILLE F	26.5	<0.06		1.4		1.4	1.4	
BANFF A	188.0	<0.01		0.3		0.3	0.3	
FIELD TOTAL	11 466.7			518.6		518.6	407.5	111.1
AUBURNDALE 047-06W4								
COLONY F	103.0	<0.01		0.1		0.1	0.1	
WAINWRIGHT A	1 013.0	0.20		203.0		203.0	161.2	41.8

* HEAVY CRUDE OIL POOLS

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
16	3.00	0.250	0.22	0.95	22	967	28			870.7	1995	97 03
16	6.00	0.300	0.46	0.95	18	961	32	8 407	-151.5	860.4	1987	95 05 - GPP
16	6.00	0.140	0.50	0.85	62	912	58	15 621	-746.9	1 496.1	1996	97 11 - ABAND 97 07
16	5.70	0.080	0.22	0.85	77	900	64	35 923	-783.5	1 532.7	1996	97 11 - ABAND 97 07
16	2.90	0.320	0.41	0.94	24	943	28	5 514	-72.9	821.5	1988	96 07
16	3.50	0.220	0.40	0.98	7	970	30	6 390	-134.6	861.8	1980	80 10 - ABAND 86 11
16	1.70	0.280	0.25	0.98	14	985	33	6 328	-141.2	871.9	1979	80 03 - ABAND 83 01
32	6.40	0.280	0.40	0.95	11	905	28	6 413	-144.2	873.0	1989	90 01 - ABAND 91 11
178	3.15	0.300	0.38	0.94	41	959	31	5 974	-137.0	872.3	1987	96 08 - GPP
16	1.10	0.310	0.37	0.96	20	964	27	3 986	74.0	846.8	1995	96 09 - GPP
16	21.30	0.230	0.10	0.95	10	953	64	29 117	-1 213.2	2 052.8	1987	87 08 - GPP
16	6.22	0.250	0.50	0.90	39	953	49	7 842	-78.9	782.4	1969	79 04 - GPP
16	6.70	0.220	0.39	0.95	39	967	36	8 990	-152.7	901.4	1989	95 11 - ABAND 95 08
64	8.68	0.120	0.47	0.90	62	922	35	11 240	-336.1	1 169.6	1984	88 12 - ABAND 89 08
32	11.60	0.120	0.57	0.88	54	923	38	12 063	-357.1	1 217.5	1989	92 05 - GPP
32	5.70	0.130	0.65	0.88	54	923	35	11 347	-323.7	1 185.9	1983	96 03
16	0.60	0.120	0.38	0.88	50	930	37	11 794	-372.8	1 232.7	1981	83 11 - ABAND 91 11
16	7.40	0.220	0.52	0.93	27	953	39	6 667	-512.1	1 227.7	1989	96 07
32	3.10	0.260	0.37	0.95	32	969	26	9 377	-184.0	922.2	1972	97 12 - GPP
576	4.00	0.260	0.31	0.92	20	972	31	10 364	-171.3	920.8	1973	96 12 - GPP
565	4.53	0.280	0.24	0.93	22	969	30	10 138	-169.7	892.3	1980	96 07
16	1.80	0.280	0.39	0.95	32	969	26	9 343	-180.4	986.6	1977	92 10 - ABAND 92 08
16	11.80	0.299	0.23	0.95	32	970	26	10 248	-190.7	988.1	1986	87 04
16	1.30	0.250	0.72	0.96	22	990	31	10 873	-186.3	981.2	1987	91 10 - ABAND 90 12
16	1.50	0.270	0.45	0.96	22	994	31	10 898	-188.9	912.0	1989	89 12 - ABAND 90 02
16	5.70	0.240	0.30	0.93	31	965	32	8 956	-173.2	874.2	1981	96 07 - GPP
16	1.30	0.200	0.35	0.93	30	976	32	8 918	-169.2	866.9	1982	84 05
16	5.00	0.290	0.30	0.93	27	955	37	10 114	-169.0	966.9	1986	88 06 - ABAND 89 09
16	1.00	0.280	0.32	0.96	22	990	31	10 500	-171.8	972.3	1987	95 09 - ABAND 95 04
48	5.90	0.270	0.41	0.96	22	994	31	10 055	-183.1	952.5	1990	97 09 - GPP
28	9.10	0.290	0.24	0.95	22	993	31	9 726	-186.5	988.9	1994	97 07 - GPP
16	1.00	0.220	0.34	0.97	10	980	33	9 324	-189.2	1 009.2	1982	83 01 - ABAND 88 02
16	9.70	0.220	0.42	0.97	21	986	33	10 776	-193.6	1 020.2	1976	78 10 - ABAND 94 02
16	6.10	0.220	0.44	0.95	21	990	28	9 646	-173.6	942.0	1974	92 11
32	2.40	0.184	0.42	0.97	21	986	33	9 919	-190.1	1 009.7	1977	92 10 - ABAND 92 08
16	1.20	0.230	0.38	0.97	21	986	33	10 715	-187.2	1 013.8	1972	82 06 - GPP
16	7.00	0.250	0.30	0.96	15	990	32	10 354	-200.3	897.2	1982	85 12 - ABAND 89 10
16	4.00	0.270	0.40	0.99	8	971	26	2 620	76.1	619.6	1981	82 07
364	1.61	0.300	0.40	0.96	14	959	24	3 807	41.6	625.2	1964	95 12 - GPP

TABLE 2-6

FIELD POOL	1	2	3	4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
AUBURNDALE 047-06W4 (CONTINUED)								
WAINWRIGHT B	1 864.0	0.05		93.2		93.2	45.1	48.1
FIELD TOTAL	2 980.0			296.3		296.3	206.4	89.9
BADGER 016-18W4								
UPPER MANNVILLE B WATER FLOOD	3 014.0	0.13	0.27	392.0	814.0	1 206.0	615.4	590.6
UPPER MANNVILLE D	186.0	0.30		55.8		55.8	30.9	24.9
UPPER MANNVILLE K	203.0	0.10		20.3		20.3	16.3	4.0
UPPER MANNVILLE L	210.0	0.10		21.0		21.0	6.5	14.5
UPPER MANNVILLE M	82.2	<0.01		0.3		0.3	0.3	
UPPER MANNVILLE P	107.0	0.10		10.7		10.7	7.0	3.7
UPPER MANNVILLE Q	171.0	0.10		17.1		17.1	3.6	13.5
LOWER MANNVILLE A	101.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE C	37.4	<0.01		0.1		0.1	0.1	
FIELD TOTAL *	4 111.6			517.4	814.0	1 331.4	680.2	651.2
BANTRY 018-13W4								
MANNVILLE A TOTAL	22 800.0			9 120.0	86.9	9 207.0	8 884.6	322.4
PRIMARY AREA	19 900.0	0.40		7 960.0		7 960.0		
WATER FLOOD AREA	2 897.0	<0.41	0.03	1 160.0	86.9	1 247.0		
MANNVILLE B	1 761.0	0.30		528.0		528.0	432.6	95.4
MANNVILLE D	3 986.0	0.45		1 794.0		1 794.0	1 683.2	110.8
MANNVILLE E	197.0	0.15		29.6		29.6	1.6	28.0
MANNVILLE F TOTAL	1 350.0			203.0	42.5	246.0	144.2	101.8
PRIMARY AREA	925.0	0.15		139.0		139.0		
WATER FLOOD AREA	425.0	0.15	0.10	63.8	42.5	106.0		
MANNVILLE G	752.0	0.25		188.0		188.0	157.0	31.0
MANNVILLE H	98.8	<0.02		1.7		1.7	1.7	
MANNVILLE J	135.0	<0.01		0.2		0.2	0.2	
MANNVILLE M	1 120.0	0.02		22.4		22.4	15.6	6.8
MANNVILLE O	173.0	<0.08		13.0		13.0	12.2	0.8
MANNVILLE P	453.0	0.10		45.3		45.3	34.5	10.8
MANNVILLE R	76.8	<0.01		0.1		0.1	0.1	
MANNVILLE S	70.0	<0.06		4.2		4.2	4.2	
MANNVILLE V	82.1	<0.01		0.5		0.5	0.5	
MANNVILLE W	64.1	<0.04		2.3		2.3	2.3	
MANNVILLE Z	175.0	<0.09		14.5		14.5	14.5	
MANNVILLE AA	45.8	<0.02		0.8		0.8	0.8	
MANNVILLE DD	297.0	0.06		17.8		17.8	14.4	3.4
MANNVILLE FF	2 159.0	0.30		648.0		648.0	560.5	87.5
MANNVILLE GG	64.2	<0.02		1.1		1.1	1.1	
MANNVILLE HH	83.1	<0.01		0.1		0.1	0.1	
MANNVILLE II	169.0	<0.01		0.6		0.6	0.6	
MANNVILLE KK	30.7	<0.08		2.4		2.4	2.4	
MANNVILLE LL	62.8	0.10		6.3		6.3	5.5	0.8
MANNVILLE MM	106.0	0.05		5.3		5.3	1.5	3.8
MANNVILLE OO	153.0	0.10		15.3		15.3	9.4	5.9
MANNVILLE PP	456.0	0.04		18.2		18.2	5.2	13.0
MANNVILLE QQ	311.0	0.10		31.1		31.1	14.3	16.8
MANNVILLE SS	66.8	0.30		20.0		20.0	16.4	3.6
MANNVILLE TT	91.4	<0.16		13.8		13.8	13.8	
MANNVILLE UU	168.0	<0.17		28.4		28.4	28.4	
MANNVILLE VV	57.2	0.05		2.9		2.9	0.4	2.5
MANNVILLE WW	200.0	0.33		66.0		66.0	49.4	16.6
MANNVILLE XX	240.0	0.10		24.0		24.0	19.7	4.3
MANNVILLE CCC	14.2	<0.03		0.4		0.4	0.4	
MANNVILLE EEE	78.0	<0.01		0.4		0.4	0.4	
MANNVILLE FFF	164.0	0.10		16.4		16.4	6.7	9.7
SUNBURST A	146.0	0.15		21.9		21.9	15.3	6.6
SUNBURST C	300.0	0.09		27.0		27.0	22.4	4.6
SUNBURST D	305.0	0.20		61.0		61.0	8.2	52.8
SUNBURST E	47.3	<0.01		0.2		0.2	0.1	0.1
SUNBURST F	118.0	0.10		11.8		11.8	1.9	9.9
SUNBURST G	350.0	0.20		70.0		70.0	27.3	42.7
SUNBURST I	265.0	0.20		53.0		53.0	39.7	13.3
SUNBURST J	187.0	0.20		37.4		37.4	9.1	28.3
SUNBURST K	46.0	0.15		6.9		6.9	5.7	1.2
SUNBURST L	71.8	0.20		14.4		14.4	4.6	9.8

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
385	1.91	0.330	0.20	0.96	9	959	24	3 954	42.9	624.8	1973	97 12 - GPP
317	5.63	0.240	0.20	0.88	56	930	34	11 951	-311.6	1 109.8	1980	94 08 - GPP
150	1.15	0.180	0.32	0.88	55	930	33	12 720	-310.7	1 111.3	1981	97 07 - GPP
64	2.70	0.230	0.42	0.88	56	930	34	11 898	-313.0	1 112.7	1982	91 03 - GPP
64	3.50	0.190	0.44	0.88	56	930	34	11 919	-310.0	1 107.1	1982	91 03 - GPP
64	1.00	0.200	0.27	0.88	56	930	34	11 037	-315.3	1 119.5	1983	91 03 - ABAND 85 06
32	2.40	0.230	0.31	0.88	54	923	38	11 057	-313.8	1 120.0	1994	95 04 - GPP
64	2.20	0.230	0.40	0.88	54	923	38	9 193	-309.2	1 112.5	1995	96 04 - GPP
16	5.90	0.150	0.20	0.90	46	965	38	12 352	-339.0	1 149.2	1978	79 02
16	2.50	0.200	0.48	0.90	43	928	38	12 193	-360.5	1 183.5	1985	86 04 - ABAND 89 09
4 048					54	904	28	10 903	-231.1	983.8	1947	96 12 - GPP
3 615	3.42	0.265	0.31	0.88								
433	4.19	0.263	0.31	0.88								
456	2.50	0.270	0.35	0.88	54	904	28	10 646	-219.7	969.8	1960	97 01 - GPP
1 022	3.35	0.210	0.37	0.88	54	904	33	10 799	-249.4	1 021.0	1963	94 12 - GPP
32	3.70	0.280	0.34	0.90	47	909	35		-261.3	1 005.0	1963	97 05
296					54	904	33	11 005	-259.0	1 012.7	1963	96 11 - GPP
216	3.27	0.240	0.38	0.88								
80	4.06	0.240	0.38	0.88								
192	2.65	0.240	0.30	0.88	54	904	28	10 474	-225.4	977.9	1964	92 12 - GPP
32	2.13	0.230	0.30	0.90	54	904	38	10 978	-258.0	1 004.8	1965	89 12 - GPP
16	7.01	0.210	0.35	0.88	54	904	33	10 961	-257.4	1 018.2	1967	68 09 - ABAND 68 07
120	6.06	0.250	0.30	0.88	54	904	36	9 092	-247.0	1 003.0	1958	85 12 - GPP
32	3.05	0.250	0.10	0.79	57	915	37	10 485	-262.4	1 012.2	1964	97 12 - GPP
48	5.50	0.260	0.25	0.88	54	904	28	9 919	-222.3	974.1	1968	97 08 - GPP
32	2.50	0.220	0.51	0.89	47	910	37	10 668	-264.5	1 006.3	1979	81 02 - ABAND 84 12
32	1.53	0.250	0.35	0.88	54	904	33	10 695	-270.2	1 019.1	1948	96 07 - GPP
32	2.70	0.180	0.40	0.88	54	903	31	9 917	-222.1	973.9	1980	81 12 - ABAND 92 08
16	3.50	0.200	0.35	0.88	54	914	31	9 690	-200.6	948.5	1980	92 10 - ABAND 93 03
32	4.50	0.200	0.31	0.88	48	883	34	10 706	-215.1	964.8	1982	93 10 - ABAND 93 05
16	2.50	0.200	0.35	0.88	48	893	35	10 372	-264.1	1 010.5	1982	89 12 - ABAND 91 11
96	2.99	0.210	0.44	0.88	54	887	29	9 452	-203.1	952.6	1983	96 08 - GPP
440	3.08	0.255	0.29	0.88	54	904	33	10 792	-244.7	1 011.6	1968	93 12 - GPP
64	1.00	0.190	0.40	0.88	50	893	37	9 289	-273.1	1 025.3	1984	92 04 - ABAND 91 11
64	1.10	0.220	0.39	0.88	53	882	30	10 961	-270.7	1 005.4	1984	85 05
64	2.38	0.200	0.37	0.88	49	893	34	9 484	-273.1	1 019.9	1985	85 10 - ABAND 89 03
24	1.21	0.200	0.40	0.88	50	890	30	10 947	-225.5	974.6	1986	96 07 - ABAND 96 11
64	1.10	0.170	0.41	0.89	45	887	37	10 338	-257.3	1 009.1	1989	90 10 - GPP
32	4.00	0.160	0.40	0.86	66	871	32	10 892	-252.4	986.5	1990	91 10 - GPP
64	2.00	0.240	0.42	0.86	66	871	32	10 640	-263.0	1 005.0	1992	92 08 - GPP
32	23.00	0.150	0.52	0.86	66	871	32	10 071	-242.5	989.0	1983	96 08 - GPP
64	3.20	0.250	0.31	0.88	55	890	36	11 316	-288.0	1 026.9	1991	92 03 - GPP
31	2.08	0.190	0.38	0.88	54	904	33	11 302	-262.2	1 009.7	1989	95 12 - GPP
67	1.00	0.250	0.38	0.88	54	904	33	10 737	-258.4	1 012.5	1963	93 10 - ABAND 86 09
64	2.51	0.192	0.38	0.88	54	904	33	10 765	-259.3	1 012.4	1963	97 12 - GPP
34	1.32	0.230	0.37	0.88	54	904	33	10 936	-257.8	1 010.7	1962	97 08 - GPP
112	1.64	0.217	0.43	0.88	54	904	33	10 772	-260.1	1 014.4	1963	97 12 - GPP
32	5.62	0.240	0.37	0.88	54	904	33	8 705	-260.9	1 015.9	1990	93 10 - GPP
16	0.70	0.200	0.28	0.88	38	914	29	8 639	-249.2	1 017.4	1993	96 07
16	4.00	0.200	0.30	0.87	53	904	37	9 457	-233.5	989.3	1993	96 07 - ABAND 97 11
16	11.80	0.180	0.44	0.86	66	871	32	9 817	-254.5	1 011.3	1995	95 12 - GPP
32	5.00	0.160	0.35	0.88	48	880	32	10 495	-212.6	961.7	1983	97 07 - GPP
60	4.79	0.200	0.40	0.87	59	886	29	9 834	-230.0	981.8	1973	96 08 - GPP
181	1.40	0.240	0.43	0.88	54	904	33	10 779	-257.3	1 026.3	1967	97 12 - GPP
32	2.10	0.160	0.50	0.88	54	904	33	9 514	-266.4	1 018.5	1991	93 10 - GPP
16	8.10	0.160	0.37	0.90	45	869	29	9 353	-214.5	964.8	1994	94 06 - GPP
64	4.34	0.240	0.39	0.86	81	906	29	9 979	-239.3	991.7	1994	96 01 - GPP
100	2.30	0.210	0.37	0.87	34	899	29	9 447	-226.0	978.3	1973	95 05 - GPP
48	3.43	0.250	0.49	0.89	50	877	32	8 684	-230.8	982.3	1995	96 08 - GPP
16	2.70	0.230	0.48	0.89	50	878	32	9 390	-219.0	970.8	1994	95 11 - GPP
16	4.40	0.230	0.49	0.87	81	906	29	8 462	-223.6	976.0	1995	96 06

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	10^3m^3	PRIMARY frac	ENHANCED frac	PRIMARY 10^3m^3	ENHANCED 10^3m^3	TOTAL 10^3m^3	10^3m^3	10^3m^3
BANTRY 018-13W4 (CONTINUED)								
SUNBURST-PEKISKO A TOTAL	976.0			221.0	131.0	352.0	240.2	111.8
PRIMARY AREA	100.0	0.02		2.0		2.0		
WATER FLOOD AREA	876.0	0.25	0.15	219.0	131.0	350.0		
DETRITAL A	58.9	<0.07		4.0		4.0	4.0	
DETRITAL C	36.0	<0.06		2.1		2.1	2.1	
PEKISKO A	66.4	<0.02		0.8		0.8	0.8	
PEKISKO B	172.0	<0.01		0.8		0.8	0.8	
PEKISKO C	66.8	<0.04		2.6		2.6	2.6	
PEKISKO G WATER FLOOD	620.0	0.10	0.01	62.0	6.2	68.2	59.2	9.0
PEKISKO J	120.0	0.15		18.0		18.0	14.7	3.3
PEKISKO K	168.0	0.12		20.2		20.2	17.5	2.7
PEKISKO L	360.0	0.20		72.0		72.0	50.4	21.6
PEKISKO M	94.0	0.18		16.9		16.9	14.3	2.6
PEKISKO N	160.0	0.30		48.0		48.0	41.3	6.7
PEKISKO I & SUNBURST B	404.0	0.10		40.4		40.4	31.7	8.7
FIELD TOTAL	43 449.2			13 698.5	266.6	13 965.7	12 754.3	1 211.4
BARRHEAD 058-05W5								
BANFF A	390.0	0.10		39.0		39.0	1.0	38.0
BANFF C	53.5	<0.21		11.1		11.1	11.1	
BANFF D	121.0	0.10		12.1		12.1	0.6	11.5
FIELD TOTAL	564.5			62.2		62.2	12.7	49.5
BAXTER LAKE 046-05W4								
MANNVILLE C	142.0	<0.01		0.1		0.1	0.1	
WAINWRIGHT	1 342.0	0.22		295.0		295.0	256.0	39.0
WAINWRIGHT C	1 318.0	0.20		264.0		264.0	147.2	116.8
LLOYDMINSTER A	203.0	<0.01		0.2		0.2	0.2	
FIELD TOTAL	3 005.0			559.3		559.3	403.5	155.8
BENTON 029-03W4								
MANNVILLE A	82.2	<0.01		0.8		0.8	0.8	
FIELD TOTAL	82.2			0.8		0.8	0.8	
BERRY 027-12W4								
UPPER MANNVILLE J	40.5	<0.02		0.8		0.8	0.8	
UPPER MANNVILLE M	21.1	<0.09		1.7		1.7	1.7	
LOWER MANNVILLE A	888.0	0.04		35.5		35.5	28.8	6.7
LOWER MANNVILLE F	150.0	0.11		16.5		16.5	14.2	2.3
LOWER MANNVILLE I	52.4	<0.02		0.6		0.6	0.6	
FIELD TOTAL *	1 152.0			55.1		55.1	46.1	9.0
BIGORAY 052-08W5								
OSTRACOD J	193.0	0.10		19.3		19.3	4.5	14.8
PEKISKO A	5 274.0	0.10		527.0		527.0	237.2	289.8
PEKISKO F	21.9	<0.01		0.1		0.1	0.1	
FIELD TOTAL *	5 488.9			546.4		546.4	241.8	304.6
BINDLOSS 022-04W4								
GLAUCONITIC A	43.1	<0.03		1.0		1.0	1.0	
LOWER MANNVILLE A	194.0	0.05		9.7		9.7	9.1	0.6
LOWER MANNVILLE B	166.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL	403.1			10.8		10.8	10.2	0.6
BIRCH 050-11W4								
GENERAL PETROLEUM A	109.0	<0.02		1.4		1.4	1.4	
FIELD TOTAL	109.0			1.4		1.4	1.4	
BLACK BUTTE 001-08W4								
MANNVILLE B	932.0	0.10		93.2		93.2	77.1	16.1

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m^3/m^3	kg/m^3	°C	kPa	m MSL	m KB		
220					50	882	30	10 239	-218.2	967.4	1984	95 12 - GPP
32	3.08	0.170	0.32	0.88								
188	4.58	0.170	0.32	0.88								
32	1.53	0.228	0.40	0.88	42	870	30	8 461	-224.7	972.0	1983	96 07 - GPP
16	3.20	0.160	0.50	0.88	51	880	30	10 597	-213.7	962.8	1986	96 07 - ABAND 97 07
16	14.63	0.045	0.30	0.90	53	965	39	10 807	-225.3	976.6	1966	68 05 - ABAND 68 09
55	3.05	0.170	0.33	0.90	40	934	32	10 060	-228.6	983.0	1976	83 12 - ABAND 78 05
32	2.00	0.150	0.20	0.87	55	880	33	10 571	-256.2	1 007.5	1982	96 04 - ABAND 95 09
183	6.45	0.080	0.27	0.90	45	896	32	9 817	-216.3	967.9	1972	92 12 - GPP
31	10.20	0.065	0.35	0.90	45	896	32	8 909	-212.7	961.1	1982	97 06 - GPP
32	8.70	0.090	0.24	0.88	45	884	29	9 236	-217.0	966.4	1984	90 12 - GPP
101	5.00	0.108	0.25	0.88	49	892	34	10 571	-256.6	1 025.9	1978	95 12 - GPP
24	5.62	0.120	0.34	0.88	49	888	34	10 842	-258.4	1 040.0	1979	97 12 - GPP
64	2.81	0.140	0.28	0.88	49	881	34	10 552	-256.4	1 013.1	1980	95 12 - GPP
100	7.98	0.076	0.26	0.90	45	896	32	10 733	-216.2	965.9	1983	97 12 - GPP
192	3.20	0.110	0.28	0.80	51	921	40	9 866	-532.4	1 222.5	1949	96 08
16	3.70	0.140	0.25	0.86	51	921	40	10 891	-512.9	1 185.0	1954	75 12 - ABAND 70 08
16	4.00	0.300	0.25	0.84	64	870	48	10 936	-545.6	1 208.0	1995	95 12 - GPP
16	3.70	0.330	0.22	0.93	28	959	29	4 542	6.1	661.1	1975	92 11
307	2.00	0.330	0.31	0.96	18	952	22	3 973	38.4	656.2	1947	93 12 - GPP
384	1.57	0.330	0.31	0.96	20	959	20	3 979	34.4	641.7	1973	95 09 - GPP
16	10.67	0.240	0.45	0.90	27	927	32	4 221	3.0	707.6	1975	84 10 - ABAND 97 10
16	4.10	0.240	0.42	0.90	39	944	36	8 277	-133.9	904.8	1988	89 02 - ABAND 89 09
16	2.47	0.190	0.40	0.90	43	876	37	9 678	-324.2	1 119.2	1978	96 07
16	2.00	0.150	0.50	0.88	48	858	34	10 228	-309.6	1 096.7	1978	96 07 - GPP
160	4.47	0.210	0.35	0.91	40	891	34	9 874	-309.5	1 077.6	1964	83 10 - GPP
48	3.23	0.180	0.41	0.91	51	860	42	9 386	-299.3	1 110.5	1975	97 12 - GPP
64	1.00	0.180	0.50	0.91	36	875	43	10 996	-325.2	1 130.4	1985	87 09 - ABAND 88 04
16	7.30	0.230	0.10	0.80	51	954	48	17 414	-945.6	1 778.4	1995	96 02 - GPP
2 760	5.00	0.070	0.35	0.84	62	915	64	15 283	-1 068.7	1 929.5	1962	97 10 - GPP
32	4.20	0.035	0.44	0.83	68	935	65	14 399	-1 082.2	1 977.0	1979	86 08 - ABAND 86 09
16	1.50	0.270	0.30	0.95	44	945	31	6 788	-172.1	785.8	1982	88 12 - ABAND 95 09
32	3.40	0.280	0.33	0.95	22	974	30	9 389	-167.7	787.9	1974	89 12 - GPP
16	6.10	0.280	0.36	0.95	16	978	40	7 219	-174.6	786.3	1981	87 12
16	4.50	0.280	0.45	0.98	3	965	24	4 968	0.6	643.8	1980	82 03 - ABAND 97 03
333	2.47	0.210	0.38	0.87	62	915	32	8 599	102.6	936.9	1969	92 01 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
BLACK BUTTE 001-08W4 (CONTINUED)								
FIELD TOTAL	932.0			93.2		93.2	77.1	16.1
BLUERIDGE 059-10W5								
PEKISKO A	102.0	<0.06		5.5		5.5	5.5	
FIELD TOTAL	102.0			5.5		5.5	5.5	
BOLLOQUE 064-25W4								
UPPER MANNVILLE G	385.0	<0.01		3.8		3.8	3.8	
UPPER MANNVILLE K	742.0	0.05		37.1		37.1	4.1	33.0
FIELD TOTAL	1 127.0			40.9		40.9	7.9	33.0
BORDER 042-05W4								
LLOYDMINSTER A	52.2	0.01		0.5		0.5	0.2	0.3
WINTERBURN A	98.4	0.10		9.8		9.8	0.2	9.6
FIELD TOTAL	150.6			10.3		10.3	0.4	9.9
BOUNDARY LAKE SOUTH 086-12W6								
CHARLIE LAKE A	231.0	0.08		18.5		18.5	14.1	4.4
CHARLIE LAKE F	26.8	0.15		4.0		4.0	3.3	0.7
FIELD TOTAL *	257.8			22.5		22.5	17.4	5.1
BOW ISLAND 011-11W4								
GLAUCONITIC A	5 230.0	0.11		575.0		575.0	543.6	31.4
GLAUCONITIC B	51.7	<0.01		0.1		0.1		0.1
GLAUCONITIC C	101.0	0.10		10.1		10.1	3.0	7.1
LOWER MANNVILLE A	49.4	<0.03		1.1		1.1	1.1	
LOWER MANNVILLE C	97.3	0.10		9.7		9.7	9.7	
LOWER MANNVILLE D	173.0	0.02		3.5		3.5	3.1	0.4
LOWER MANNVILLE F	350.0	0.20		70.0		70.0	37.4	32.6
SAWTOOTH B	182.0	0.20		36.4		36.4	23.1	13.3
SAWTOOTH D	807.0	0.40		323.0		323.0	248.1	74.9
SAWTOOTH E	70.7	<0.19		13.3		13.3	13.3	
SAWTOOTH F	257.0	0.40		103.0		103.0	81.5	21.5
SAWTOOTH G	232.0	0.30		69.6		69.6	59.0	10.6
SAWTOOTH K	31.4	0.20		6.3		6.3	3.3	3.0
SAWTOOTH L	10.1	0.25		2.5		2.5	2.0	0.5
SAWTOOTH M	132.0	0.20		26.4		26.4	0.4	26.0
SAWTOOTH O	240.0	0.10		24.0		24.0	4.1	19.9
SAWTOOTH Q	95.1	0.25		23.8		23.8	4.4	19.4
FIELD TOTAL *	8 109.7			1 297.8		1 297.8	1 037.1	260.7
BRIKER 046-02W4								
COLONY D	109.0	0.05		5.5		5.5	3.0	2.5
FIELD TOTAL	109.0			5.5		5.5	3.0	2.5
BROOKS 019-14W4								
PEKISKO A	268.0	0.05		13.4		13.4	4.1	9.3
FIELD TOTAL	268.0			13.4		13.4	4.1	9.3
CAPRON 026-03W4								
DETRITAL D	83.8	<0.01		0.5		0.5	0.5	
BANFF A	27.9	<0.01		0.2		0.2	0.2	
FIELD TOTAL	111.7			0.7		0.7	0.7	
CECIL 084-08W6								
CHARLIE LAKE A	11 830.0	0.10		1 183.0		1 183.0	1 108.8	74.2
CHARLIE LAKE B	359.0	<0.01		0.3		0.3	0.3	
CHARLIE LAKE C	152.0	<0.01		0.2		0.2	0.2	
CHARLIE LAKE D	61.5	<0.01		0.4		0.4	0.4	
CHARLIE LAKE N	20.5	<0.01		0.2		0.2	0.2	
CHARLIE LAKE O	2 552.0	0.10		255.0		255.0	230.6	24.4
CHARLIE LAKE Q	71.2	<0.01		0.1		0.1	0.1	

* HEAVY CRUDE OIL POOLS

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
128	2.07	0.065	0.30	0.85	46	940	54	12 570	-836.5	1 739.9	1967	92 11 - GPP
16	12.95	0.280	0.33	0.99	10	971	24	4 571	73.5	633.2	1984	93 12 - ABAND 93 05
64	5.69	0.320	0.33	0.95	20	973	32	4 483	63.8	638.4	1988	97 12 - GPP
8	6.80	0.200	0.50	0.96	17	941	30	4 110	-55.8	768.0	1995	96 08
16	5.80	0.170	0.35	0.96	17	941	30	5 067	-52.8	736.5	1976	96 08
64	2.50	0.210	0.15	0.81	36	927	42	11 107	-546.5	1 291.3	1983	93 12 - GPP
32	0.90	0.140	0.18	0.81	55	925	44	8 183	-525.3	1 217.9	1994	97 12
288	9.55	0.260	0.23	0.95	19	920	34	9 963	-96.7	911.8	1985	94 12 - GPP
16	2.30	0.200	0.26	0.95	19	952	33	9 278	-99.0	911.9	1990	96 04 - ABAND 96 01
16	3.82	0.260	0.33	0.95	20	967	34	9 390	-111.2	926.5	1992	97 09 - GPP
16	2.50	0.200	0.35	0.95	16	928	31	10 779	-131.6	918.8	1979	95 12 - ABAND 95 10
64	1.27	0.200	0.37	0.95	16	916	31	10 386	-152.1	931.4	1984	88 08 - GPP
32	3.00	0.260	0.27	0.95	20	916	33	10 511	-139.0	931.3	1985	95 02 - GPP
16	10.78	0.270	0.20	0.94	21	886	33	8 601	-118.1	921.7	1995	96 01 - GPP
30	3.37	0.260	0.27	0.95	14	905	34	9 824	-106.4	919.1	1989	94 08 - GPP
294	2.15	0.210	0.36	0.95	14	929	33	10 282	-112.2	926.2	1980	96 08 - GPP
29	2.30	0.200	0.43	0.93	29	964	33	9 742	-152.0	913.3	1990	96 07 - GPP
110	1.80	0.220	0.38	0.95	14	929	34	9 191	-112.3	925.1	1991	97 12 - GPP
64	2.24	0.240	0.29	0.95	17	919	37	9 388	-118.3	929.1	1991	93 04 - GPP
16	1.70	0.190	0.36	0.95	14	905	34	9 108	-118.1	925.9	1993	93 05 - GPP
16	0.50	0.180	0.26	0.95	20	911	26	9 101	-119.1	932.8	1993	94 09 - GPP
16	5.20	0.250	0.33	0.95	18	931	33	9 825	-121.6	903.6	1996	96 09 - GPP
32	6.60	0.240	0.49	0.93	29	930	33	9 711	-132.6	930.7	1996	97 09 - GPP
32	2.19	0.210	0.32	0.95	15	906	34	10 334	-115.1	932.2	1996	97 10 - GPP
16	3.50	0.310	0.35	0.97	10	975	22		86.0	570.9	1996	97 05 - GPP
64	8.55	0.110	0.50	0.89	48	907	32	10 126	-276.6	1 028.2	1996	97 10 - GPP
16	7.20	0.150	0.50	0.97	11	970	32	8 097	-191.5	921.5	1991	92 04 - ABAND 92 01
16	3.00	0.130	0.53	0.95	22	965	28	9 380	-191.7	913.5	1987	88 02 - ABAND 89 05
2 877	4.00	0.160	0.27	0.88	44	907	46	10 103	-442.6	1 061.9	1975	91 02 - GPP
64	6.39	0.170	0.37	0.82	54	898	42	9 378	-427.4	864.4	1987	87 12 - ABAND 89 07
32	7.60	0.134	0.47	0.88	45	912	46	10 284	-462.6	1 153.4	1987	88 08 - ABAND 89 11
32	4.00	0.107	0.49	0.88	45	912	46	10 450	-470.3	1 154.3	1982	92 10
16	1.60	0.140	0.35	0.88	44	907	46	10 372	-442.1	1 125.2	1989	96 07
582	4.50	0.160	0.30	0.87	45	910	41	9 267	-456.8	1 150.3	1984	93 09
16	4.14	0.170	0.29	0.89	44	914	45	10 211	-435.8	1 061.3	1988	96 07 - ABAND 97 02

TABLE 2-6

	1	2	3	4	5	6	7	8
FIELD POOL	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	$10^3 m^3$	frac	frac	$10^3 m^3$	$10^3 m^3$	$10^3 m^3$	$10^3 m^3$	$10^3 m^3$
CECIL 084-08W6 (CONTINUED)								
CHARLIE LAKE R	381.0	0.10		38.1		38.1	9.3	28.8
CHARLIE LAKE L & M	3 374.0	0.10		337.0		337.0	161.9	175.1
FIELD TOTAL	18 801.2			1 814.3		1 814.3	1 511.8	302.5
CESSFORD 025-13W4								
BASAL COLORADO A TOTAL	11 830.0			1 604.0	618.0	2 222.0	2 001.8	220.2
PRIMARY AREA	5 653.0	0.12		678.0		678.0		
WATER FLOOD AREA	6 176.0	0.15	0.10	926.0	618.0	1 544.0		
MANNVILLE C	29 100.0	0.15		4 365.0		4 365.0	3 378.4	986.6
MANNVILLE E	286.0	<0.10		26.6		26.6	26.6	
MANNVILLE I	139.0	<0.08		10.1		10.1	10.1	
MANNVILLE X	190.0	0.18		34.2		34.2	30.7	3.5
MANNVILLE Y & Z	9 816.0	0.08		785.0		785.0	665.8	119.2
MANNVILLE GGG	80.7	<0.08		5.9		5.9	5.9	
MANNVILLE WWW	89.1	<0.01		0.5		0.5	0.5	
MANNVILLE XXX	55.7	<0.01		0.4		0.4	0.4	
MANNVILLE P2P	149.0	<0.01		0.5		0.5	0.5	
MANNVILLE Q2Q	66.0	<0.01		0.1		0.1	0.1	
MANNVILLE T2T	203.0	0.10		20.3		20.3	15.7	4.6
MANNVILLE U2U	18.8	<0.07		1.2		1.2	1.2	
MANNVILLE V2V	28.9	<0.10		2.7		2.7	2.7	
MANNVILLE Y2Y	50.9	0.15		7.6		7.6	5.3	2.3
MANNVILLE G3G	152.0	<0.01		0.2		0.2	0.2	
MANNVILLE Z3Z	628.0	0.15		94.2		94.2	50.3	43.9
MANNVILLE A4A	195.0	<0.01		0.1		0.1	0.1	
MANNVILLE B4B	113.0	<0.01		0.1		0.1	0.1	
MANNVILLE C4C	88.3	0.10		8.8		8.8	2.9	5.9
MANNVILLE D4D	104.0	<0.01		0.1		0.1	0.1	
MANNVILLE E4E	150.0	0.20		30.0		30.0	20.9	9.1
MANNVILLE F4F	62.2	<0.02		0.8		0.8	0.8	
MANNVILLE G4G	73.3	<0.01		0.3		0.3	0.3	
MANNVILLE H4H	55.6	0.15		8.3		8.3	3.0	5.3
MANNVILLE T4T	95.8	<0.01		0.3		0.3	0.3	
MANNVILLE W4W	76.4	<0.01		0.5		0.5	0.5	
COLONY A	55.6	<0.01		0.4		0.4	0.4	
BASAL QUARTZ C	789.0	0.02		15.8		15.8	7.2	8.6
BASAL QUARTZ F	103.0	0.10		10.3		10.3	4.8	5.5
BASAL QUARTZ G	106.0	0.10		10.6		10.6	2.3	8.3
BASAL QUARTZ H	57.5	<0.03		1.7		1.7	1.7	
BASAL QUARTZ I	102.0	<0.02		1.5		1.5	1.5	
BASAL QUARTZ K	67.7	0.10		6.8		6.8	4.6	2.2
DETRITAL C	78.9	0.05		3.9		3.9	3.1	0.8
DETRITAL D	74.1	<0.01		0.7		0.7	0.7	
DETRITAL F	293.0	0.10		29.3		29.3	4.8	24.5
FIELD TOTAL *	55 623.5			7 088.8	618.0	7 706.8	6 256.3	1 450.5
CHAUVIN 043-01W4								
MANNVILLE A TOTAL	6 442.0			705.0	732.0	1 437.0	1 385.9	51.1
PRIMARY AREA	341.0	0.10		34.1		34.1		
WATER FLOOD AREA	6 101.0	0.11	0.12	671.0	732.0	1 403.0		
MANNVILLE B	800.0	0.11		88.0		88.0	81.6	6.4
COLONY A	129.0	0.05		6.5		6.5	5.3	1.2
COLONY B	72.4	0.05		3.6		3.6	1.4	2.2
SPARKY A WATER FLOOD	300.0	0.10	0.25	30.0	75.0	105.0	99.6	5.4
SPARKY D	1 510.0	0.12		181.0		181.0	134.4	46.6
SPARKY G	34.6	0.20		6.9		6.9	1.9	5.0
SPARKY H	55.5	0.10		5.6		5.6	0.5	5.1
SPARKY I	68.9	0.05		3.4		3.4	0.3	3.1
SPARKY E & GEN PET A	1 477.0	0.12		177.0		177.0	128.1	48.9
LLOYDMINSTER C	253.0	<0.01		0.1		0.1	0.1	
LLOYDMINSTER D	70.2	<0.01		0.3		0.3	0.3	
CUMMINGS A	139.0	0.10		13.9		13.9	7.6	6.3
FIELD TOTAL	11 351.6			1 221.3	807.0	2 028.3	1 847.0	181.3
CHAUVIN SOUTH 042-02W4								
MANNVILLE MU #1	50 220.0			4 046.0	3 351.0	7 397.0	5 745.3	1 651.7

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
64	5.50	0.160	0.24	0.89	44	914	45		-444.9	1 094.5	1996	96 12
670	4.03	0.180	0.22	0.89	44	849	45	9 481	-430.5	1 058.2	1987	97 11 - GPP
3 238					46	898	27	8 700	-171.7	895.3	1950	93 12 - GPP
1 691	2.36	0.258	0.39	0.90								
1 547	3.03	0.240	0.39	0.90								
4 764	5.39	0.220	0.44	0.92	44	910	31	9 915	-274.0	1 016.7	1951	95 09 - GPP
66	3.88	0.247	0.48	0.87	44	904	37	9 745	-290.3	1 040.1	1962	96 07 - ABAND 96 07
65	2.44	0.220	0.54	0.87	45	892	31	9 889	-276.9	1 015.4	1951	95 08 - ABAND 95 06
64	3.10	0.200	0.45	0.87	45	892	31	8 594	-308.6	1 019.4	1968	91 12 - GPP
2 369	3.60	0.210	0.37	0.87	45	892	35	9 341	-279.4	1 006.2	1951	95 12 - GPP
64	1.50	0.210	0.55	0.89	49	904	32	8 403	-281.1	1 012.9	1977	96 07 - GPP
32	3.20	0.200	0.50	0.87	40	944	36	9 976	-306.3	1 061.3	1981	85 12
16	3.57	0.190	0.43	0.90	38	910	39	8 038	-288.9	1 052.0	1982	95 10 - ABAND 95 07
64	2.00	0.230	0.45	0.92	33	919	34	9 418	-293.3	1 042.0	1985	86 06 - ABAND 90 03
32	2.50	0.230	0.61	0.92	33	909	34	8 516	-286.2	1 036.8	1986	86 08 - ABAND 89 08
64	3.97	0.170	0.46	0.87	45	895	31	8 516	-286.7	1 027.2	1987	89 05 - GPP
16	1.50	0.170	0.50	0.92	33	864	38	8 328	-319.3	1 183.8	1983	96 07
32	1.00	0.180	0.43	0.88	45	907	45	9 226	-327.5	1 182.0	1984	84 02 - ABAND 90 02
32	2.00	0.160	0.46	0.92	33	919	34	9 892	-284.8	1 002.2	1988	89 06 - GPP
32	3.00	0.260	0.34	0.92	33	918	34	10 455	-198.5	932.6	1992	95 11 - ABAND 95 09
200	2.10	0.250	0.35	0.92	33	918	34	9 039	-271.1	1 018.3	1991	92 04 - GPP
16	11.03	0.240	0.50	0.92	33	919	34	7 152	-279.5	1 010.0	1991	94 05 - ABAND 94 02
16	5.00	0.260	0.41	0.92	33	919	34	7 101	-273.9	1 008.5	1991	94 08 - ABAND 93 06
32	2.50	0.240	0.50	0.92	33	919	34	9 193	-280.9	1 003.5	1991	92 04 - GPP
32	3.20	0.220	0.50	0.92	33	919	34	9 122	-263.2	1 009.9	1991	94 09 - ABAND 94 02
88	1.76	0.210	0.50	0.92	33	919	34	6 202	-280.4	1 007.5	1991	95 12 - GPP
16	3.20	0.240	0.45	0.92	33	919	34	8 430	-280.6	1 024.4	1991	96 07 - GPP
16	3.80	0.230	0.43	0.92	33	919	34	8 793	-276.5	1 011.1	1992	96 03 - ABAND 95 11
32	1.80	0.210	0.50	0.92	33	918	34	8 147	-282.9	1 012.6	1992	92 06 - GPP
16	4.30	0.250	0.36	0.87	58	890	32	6 064	-290.6	1 042.3	1992	96 07
16	4.15	0.250	0.50	0.92	33	918	34	9 734	-259.2	992.7	1992	96 07 - GPP
16	3.00	0.230	0.44	0.90	40	955	38	8 738	-132.9	860.5	1974	88 12 - ABAND 92 10
192	6.55	0.140	0.46	0.83	56	865	40	9 501	-424.6	1 312.0	1980	89 12 - GPP
64	3.00	0.150	0.60	0.89	40	859	32	9 704	-273.4	988.9	1981	85 08 - GPP
64	2.00	0.176	0.49	0.92	33	890	34	10 638	-282.6	996.5	1987	88 03 - GPP
32	1.30	0.240	0.36	0.90	39	896	34	9 813	-285.0	998.5	1987	96 12 - ABAND 89 06
16	7.20	0.170	0.39	0.85	67	875	31	8 976	-274.8	989.3	1989	96 07 - GPP
16	4.40	0.200	0.46	0.89	42	898	28	9 649	-267.1	980.7	1993	95 03 - GPP
16	5.80	0.150	0.37	0.90	39	896	27	9 484	-291.4	1 013.8	1987	88 03 - GPP
16	4.82	0.180	0.42	0.92	33	919	34	9 529	-296.5	1 038.9	1987	96 07 - ABAND 96 09
32	8.00	0.180	0.31	0.92	33	907	35	9 629	-308.2	1 030.7	1994	95 05 - GPP
844					14	921	24	4 431	3.7	632.4	1952	93 12
64	3.30	0.300	0.44	0.96								
780	4.85	0.300	0.44	0.96								- GPP
191	2.24	0.300	0.35	0.96	14	921	24	4 416	2.0	616.3	1954	97 12 - GPP
16	3.90	0.320	0.35	0.99	15	951	26	5 145	-42.0	657.2	1986	87 05 - GPP
8	5.50	0.280	0.40	0.98	8	962	24		39.6	567.8	1996	97 08 - GPP
130	1.82	0.240	0.45	0.96	14	922	24	5 633	5.1	625.7	1980	93 12 - GPP
655	1.27	0.300	0.37	0.96	17	950	24	4 817	16.6	592.2	1974	94 12 - GPP
16	1.50	0.250	0.40	0.96	17	932	24	5 601	1.6	607.8	1993	95 03 - GPP
16	2.50	0.270	0.47	0.97	10	914	28	3 250	-39.8	652.2	1995	96 11 - GPP
8	3.30	0.320	0.15	0.96	17	932	24		9.5	656.5	1996	97 06 - GPP
277	2.67	0.320	0.35	0.96	17	943	24	4 716	17.1	607.2	1979	96 05 - GPP
16	6.20	0.310	0.17	0.99	14	955	26	5 028	-41.0	667.4	1985	88 12 - ABAND 86 07
8	4.50	0.300	0.33	0.97	14	939	14		-27.9	693.8	1996	97 12 - GPP
16	4.44	0.290	0.29	0.95	21	956	26	4 543	-35.0	636.7	1962	97 09 - GPP
6 318					16	910	31	3 962	-17.0	640.1	1952	97 12

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
CHAUVIN SOUTH 042-02W4 (CONTINUED)								
PRIMARY AREA	25 580.0	<0.08		1 866.0		1 866.0		
WATER FLOOD AREA	24 640.0	<0.08	0.13	2 180.0	3 351.0	5 531.0		
UPPER MANNVILLE D	194.0	<0.01		0.3		0.3	0.3	
UPPER MANNVILLE E	52.2	0.10		5.2		5.2	0.4	4.8
UPPER MANNVILLE F	465.0	0.02		9.3		9.3	0.4	8.9
UPPER MANNVILLE G	42.7	0.15		6.4		6.4	0.4	6.0
COLONY A	556.0	0.06		33.4		33.4	23.8	9.6
COLONY B	333.0	<0.07		21.0		21.0	21.0	
COLONY O	1 017.0	0.20		203.0		203.0	40.6	162.4
COLONY R	194.0	<0.01		0.5		0.5	0.5	
SPARKY H WATER FLOOD	3 335.0	0.07	0.25	233.0	834.0	1 067.0	884.9	182.1
SPARKY M	125.0	<0.12		14.3		14.3	14.3	
SPARKY T	66.6	0.10		6.7		6.7	5.4	1.3
SPARKY W	234.0	<0.02		2.6		2.6	2.6	
SPARKY Z	70.6	<0.01		0.3		0.3	0.3	
SPARKY CC	89.9	0.08		7.2		7.2	6.4	0.8
SPARKY DD	23.9	0.02		0.5		0.5	0.5	
SPARKY EE	16.3	<0.01		0.1		0.1	0.1	
SPARKY FF	17.5	0.10		1.8		1.8	0.3	1.5
SPARKY II	90.8	0.10		9.1		9.1		9.1
SPARKY GG & GENERAL PETROLEUM F	66.8	0.10		6.7		6.7	2.4	4.3
SPARKY HH & GENERAL PETROLEUM G	122.0	0.10		12.2		12.2	6.7	5.5
GENERAL PETROLEUM C	228.0	0.10		22.8		22.8	8.6	14.2
GENERAL PETROLEUM H	65.2	0.10		6.5		6.5	0.6	5.9
REX A	90.4	<0.02		1.0		1.0	1.0	
LLOYDMINSTER F	373.0	<0.02		6.9		6.9	4.7	2.2
CUMMINGS B	82.1	0.05		4.1		4.1	1.0	3.1
DINA A	107.0	<0.01		0.1		0.1	0.1	
DINA B	186.0	<0.01		0.2		0.2	0.2	
DINA C	715.0	<0.01		1.5		1.5	1.5	
CAMROSE A	22.2	<0.03		0.5		0.5	0.5	
LEDUC A	161.0	<0.01		0.9		0.9	0.9	
LEDUC B	79.8	<0.01		0.3		0.3	0.3	
FIELD TOTAL	59 442.0			4 664.4	4 185.0	8 849.4	6 776.0	2 073.4
CHERHILL 056-05W5								
BANFF C	3 558.0	0.05		178.0		178.0	137.6	40.4
BANFF F	12 250.0	<0.05		520.0		520.0	499.1	20.9
BANFF Q	113.0	<0.01		0.2		0.2	0.2	
BANFF V	217.0	<0.03		4.9		4.9	4.9	
BANFF Y	77.6	<0.02		1.2		1.2	1.2	
BANFF Z	302.0	0.10		30.2		30.2	3.6	26.6
FIELD TOTAL *	16 517.6			734.5		734.5	646.6	87.9
CHIGWELL 041-24W4								
MANNVILLE C	344.0	<0.01		1.7		1.7	1.7	
FIELD TOTAL *	344.0			1.7		1.7	1.7	
CHIN COULEE 008-15W4								
GLAUCONITIC A	221.0	<0.01		1.0		1.0	1.0	
GLAUCONITIC B	134.0	<0.02		2.2		2.2	2.2	
GLAUCONITIC C	261.0	0.07		18.3		18.3	16.8	1.5
BASAL MANNVILLE A TOTAL	4 337.0			434.0	702.0	1 136.0	1 049.3	86.7
PRIMARY AREA	827.0	0.10		82.7		82.7		
WATER FLOOD AREA	3 510.0	0.10	0.20	351.0	702.0	1 053.0		
BASAL MANNVILLE B	360.0	0.10		36.0		36.0	5.1	30.9
SAWTOOTH A	30.5	<0.04		1.1		1.1	1.1	
SAWTOOTH B	559.0	0.30		168.0		168.0	69.0	99.0
SAWTOOTH C	162.0	0.20		32.4		32.4	12.5	19.9
SAWTOOTH D	28.0	0.20		5.6		5.6	1.9	3.7
FIELD TOTAL	6 092.5			698.6	702.0	1 400.6	1 158.9	241.7
COMPEER 033-02W4								
LOWER MANNVILLE A	118.0	<0.07		8.2		8.2	8.2	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
3 253	4.24	0.276	0.30	0.96								
3 065	4.01	0.290	0.28	0.96								- GPP
16	5.40	0.320	0.23	0.91	45	985	24	4 045	24.4	608.9	1979	80 06
16	2.00	0.270	0.35	0.93	27	884	24	3 012	-9.4	650.5	1994	95 01 - GPP
16	11.60	0.300	0.12	0.95	21	978	27	4 587	28.1	590.2	1979	96 08
16	1.60	0.270	0.35	0.95	18	930	27	4 821	-61.8	689.8	1994	95 07 - GPP
64	4.47	0.292	0.30	0.95	14	927	25	4 272	45.3	607.5	1963	97 12 - GPP
16	9.45	0.320	0.29	0.97	9	972	33	4 091	44.5	584.8	1968	96 07 - ABAND 97 06
202	2.50	0.310	0.33	0.97	20	940	35	4 241	37.4	577.7	1983	97 12 - GPP
16	6.40	0.300	0.35	0.97	18	930	25	3 993	17.0	634.4	1985	96 07 - GPP
505	2.73	0.300	0.16	0.96	20	898	28	4 800	-3.7	631.9	1971	96 04 - GPP
16	3.70	0.310	0.29	0.96	16	921	32	5 100	0.9	610.2	1973	96 07 - GPP
48	1.00	0.260	0.45	0.97	12	945	29	4 764	-20.1	650.8	1979	95 12 - GPP
32	6.28	0.240	0.50	0.97	12	925	25	4 750	-6.1	663.0	1982	83 05 - ABAND 87 10
16	2.50	0.280	0.35	0.97	10	946	33	4 808	2.7	610.4	1983	88 12 - ABAND 84 08
32	1.50	0.300	0.35	0.96	15	915	26	6 672	-22.1	655.8	1981	97 12 - GPP
16	1.00	0.280	0.45	0.97	13	913	24	4 804	3.7	610.8	1983	96 07 - GPP
8	1.20	0.280	0.37	0.96	18	930	22	4 807	5.3	618.9	1980	89 08 - ABAND 90 08
16	0.70	0.280	0.42	0.96	18	905	25	5 845	-13.9	653.7	1987	95 02 - GPP
16	2.60	0.300	0.25	0.97	12	934	29	4 792	-15.8	668.3	1996	97 03 - GPP
16	1.70	0.320	0.20	0.96	16	910	28	5 098	1.2	615.0	1995	96 08 - GPP
16	3.10	0.320	0.20	0.96	16	910	28	5 242	-15.2	647.8	1995	96 08 - GPP
64	2.72	0.270	0.50	0.97	13	912	24	4 950	-25.2	667.5	1991	93 02 - GPP
16	2.10	0.290	0.31	0.97	12	935	29		-0.4	646.7	1996	97 11 - GPP
16	4.50	0.230	0.40	0.91	14	985	28	6 782	-13.3	627.8	1983	84 02 - ABAND 86 01
96	1.90	0.300	0.29	0.96	14	904	27	3 836	-24.1	650.8	1973	80 12 - GPP
16	5.00	0.270	0.60	0.95	19	935	28	4 998	-73.8	703.1	1995	96 01 - GPP
16	3.05	0.300	0.24	0.97	13	947	27	5 132	-46.3	672.1	1978	79 01
16	5.50	0.290	0.24	0.96	12	958	33	5 191	-59.3	703.3	1985	86 05 - ABAND 92 03
106	3.45	0.280	0.28	0.97	9	935	28	4 267	-44.6	676.6	1988	97 11 - ABAND 96 08
16	2.80	0.120	0.57	0.96	13	985	31	4 543	-18.7	642.0	1969	92 10 - ABAND 95 11
16	6.40	0.220	0.28	0.99	15	960	25	4 873	-35.5	653.5	1985	96 07
16	6.00	0.240	0.65	0.99	15	945	25	4 902	-38.6	667.0	1994	96 12 - GPP
634	6.30	0.160	0.36	0.87	53	911	45	10 997	-655.4	1 390.2	1969	90 07 - GPP
944	14.38	0.170	0.39	0.87	46	910	40	11 479	-692.9	1 464.5	1981	94 12 - GPP
32	3.78	0.196	0.45	0.87	50	904	45	9 179	-587.5	1 286.4	1984	85 12 - ABAND 86 01
32	11.54	0.110	0.40	0.89	44	935	50	11 334	-698.9	1 376.6	1981	86 12 - ABAND 90 12
16	7.32	0.120	0.38	0.89	48	908	44	9 064	-575.5	1 273.8	1972	78 12 - ABAND 79 08
32	8.40	0.180	0.29	0.88	49	921	47	11 071	-658.7	1 410.4	1968	95 12
65	4.88	0.170	0.25	0.85	69	887	50	11 254	-676.8	1 483.6	1969	74 12 - ABAND 73 08
16	13.50	0.130	0.19	0.97	10	926	33	8 919	-42.6	877.0	1985	92 06 - ABAND 91 09
16	4.50	0.250	0.24	0.98	10	958	27	9 859	-46.7	928.8	1987	96 07 - GPP
64	3.75	0.170	0.34	0.97	5	915	32	7 068	-52.4	938.1	1961	95 12 - GPP
1 564					5	915	32	8 545	-60.9	942.3	1960	97 12 - GPP
340	2.21	0.189	0.40	0.97								
1 224	2.54	0.194	0.40	0.97								
157	2.49	0.190	0.50	0.97	64	915	34	13 822	-75.6	968.3	1996	97 09
16	1.60	0.200	0.33	0.89	47	953	31	10 146	-81.3	962.2	1987	94 11 - ABAND 94 05
154	2.73	0.240	0.37	0.88	47	953	33	9 954	-86.0	979.3	1994	97 10 - GPP
16	7.00	0.240	0.33	0.90	45	907	34	9 895	-96.1	981.7	1996	96 07 - GPP
16	1.50	0.200	0.36	0.91	44	907	33	9 335	-74.2	971.6	1996	96 09 - GPP
32	2.80	0.230	0.37	0.92	35	934	32	6 254	-152.4	898.1	1978	79 10 - ABAND 89 08

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
COMPEER 033-02W4 (CONTINUED)								
LOWER MANNVILLE B	158.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE C	239.0	0.10		23.9		23.9	18.9	5.0
BANFF A	347.0	0.10		34.7		34.7	19.0	15.7
BANFF D	125.0	0.10		12.5		12.5	5.5	7.0
FIELD TOTAL	987.0			79.4		79.4	51.7	27.7
CONNORSVILLE 025-15W4								
LOWER MANNVILLE C	27.3	<0.01		0.1		0.1	0.1	
FIELD TOTAL *	27.3			0.1		0.1	0.1	
CONRAD 006-15W4								
ELLIS	2 540.0	0.23		584.0		584.0	545.5	38.5
SAWTOOTH A	182.0	0.10		18.2		18.2	6.6	11.6
SAWTOOTH B	72.6	0.10		7.3		7.3	6.9	0.4
SAWTOOTH C	89.4	0.10		8.9		8.9	6.6	2.3
FIELD TOTAL	2 884.0			618.4		618.4	565.6	52.8
COUNTESS 021-16W4								
UPPER MANNVILLE B TOTAL	4 412.0			662.0	940.0	1 602.0	1 434.6	167.4
PRIMARY AREA	653.0	0.15		98.0		98.0		
WATER FLOOD AREA	3 759.0	0.15	0.25	564.0	940.0	1 504.0		
UPPER MANNVILLE D TOTAL	12 950.0			1 291.0	6 120.0	7 411.0	6 689.0	722.0
PRIMARY AREA	202.0	0.08		16.2		16.2		
WATER FLOOD AREA	12 750.0	0.10	0.48	1 275.0	6 120.0	7 395.0		
UPPER MANNVILLE F TOTAL	1 882.0			177.0	548.0	725.0	682.7	42.3
PRIMARY AREA	220.0	0.05		11.0		11.0		
WATER FLOOD AREA	1 662.0	0.10	0.33	166.0	548.0	714.0		
UPPER MANNVILLE H WATER FLOOD	5 725.0	0.10	0.33	573.0	1 889.0	2 462.0	2 359.4	102.6
UPPER MANNVILLE J	406.0	0.22		89.3		89.3	58.6	30.7
UPPER MANNVILLE L	208.0	<0.09		18.2		18.2	18.2	
UPPER MANNVILLE M WATER FLOOD	556.0	0.15	0.15	83.4	83.4	167.0	150.7	16.3
UPPER MANNVILLE O WATER FLOOD	2 541.0	0.15	0.25	381.0	635.0	1 016.0	933.9	82.1
UPPER MANNVILLE T	50.4	<0.03		1.2		1.2	1.2	
UPPER MANNVILLE U	85.2	0.08		6.9		6.9	6.9	
UPPER MANNVILLE Y	71.8	<0.09		5.9		5.9	5.9	
UPPER MANNVILLE HH	120.0	0.15		18.0		18.0	12.8	5.2
UPPER MANNVILLE JJ	17.8	<0.08		1.4		1.4	1.4	
UPPER MANNVILLE KK	133.0	0.05		6.7		6.7	4.9	1.8
UPPER MANNVILLE MM	301.0	0.04		12.0		12.0	10.8	1.2
UPPER MANNVILLE PP WATER FLOOD	2 160.0	0.15	0.35	324.0	756.0	1 080.0	439.8	640.2
UPPER MANNVILLE UU WATER FLOOD	1 500.0	0.15	0.15	225.0	225.0	450.0	321.8	128.2
UPPER MANNVILLE VV WATER FLOOD	1 000.0	0.20	0.20	200.0	200.0	400.0	159.9	240.1
UPPER MANNVILLE YY WATER FLOOD	2 699.0	0.15	0.30	405.0	810.0	1 215.0	588.5	626.5
UPPER MANNVILLE ZZ	26.8	<0.02		0.4		0.4	0.4	
UPPER MANNVILLE AAA	89.7	<0.01		0.3		0.3	0.3	
UPPER MANNVILLE BBB WATER FLOOD	152.0	0.15	0.05	22.8	7.6	30.4	20.0	10.4
UPPER MANNVILLE EEE WATER FLOOD	177.0	0.15	0.25	26.6	44.3	70.9	28.7	42.2
UPPER MANNVILLE HHH WATER FLOOD	188.0	0.15	0.15	28.2	28.2	56.4	50.1	6.3
UPPER MANNVILLE III WATER FLOOD	718.0	0.15	0.25	108.0	179.0	287.0	87.7	199.3
UPPER MANNVILLE NNN	180.0	0.10		18.0		18.0	3.0	15.0
UPPER MANNVILLE TTT	228.0	0.20		45.6		45.6	19.9	25.7
UPPER MANNVILLE J2J	78.6	0.15		11.8		11.8	2.3	9.5
LOWER MANNVILLE A	208.0	<0.01		0.4		0.4	0.4	
LOWER MANNVILLE C	321.0	<0.01		0.6		0.6	0.6	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
16	5.00	0.280	0.25	0.94	27	959	28	7 303	-148.9	885.3	1980	83 12 - ABAND 81 05
64	2.14	0.320	0.42	0.94	25	960	28	6 437	-125.4	848.3	1984	97 12 - GPP
48	5.86	0.220	0.41	0.95	18	959	36	6 953	-138.6	848.8	1955	96 11 - GPP
32	3.20	0.210	0.38	0.94	18	959	36	7 363	-137.0	842.0	1987	96 02 - GPP
64	1.50	0.080	0.60	0.89	52	893	32	8 973	-329.2	990.8	1978	79 02 - ABAND 88 08
1 475	1.52	0.198	0.35	0.88	53	904	30	10 452	-5.4	926.0	1944	95 12 - GPP
96	2.22	0.180	0.46	0.88	52	890	27	9 605	-17.7	961.8	1986	90 03 - GPP
32	2.80	0.155	0.45	0.95	19	908	29	9 021	-43.8	976.3	1983	83 11 - GPP
32	2.00	0.210	0.30	0.95	18	921	36	10 091	-30.7	968.0	1980	81 08 - GPP
685					45	887	37	11 013	-313.0	1 088.3	1965	97 12
128	3.37	0.230	0.26	0.89								
557	4.05	0.240	0.22	0.89								- GPP
1 679					45	904	36	10 940	-270.2	1 057.2	1967	96 01
50	2.55	0.240	0.26	0.89								
1 629	4.58	0.240	0.20	0.89								- GPP
242					45	887	34	10 925	-278.8	1 077.3	1954	95 11 - GPP
64	2.51	0.220	0.30	0.89								
178	6.08	0.230	0.25	0.89								
710	5.28	0.220	0.22	0.89	50	898	32	11 097	-299.3	1 071.7	1968	95 03 - GPP
62	4.00	0.230	0.20	0.89	44	887	33	11 116	-305.8	1 076.5	1969	97 12 - GPP
65	2.29	0.207	0.24	0.89	45	881	39	10 118	-312.1	1 082.1	1971	94 11 - ABAND 93 09
32	14.16	0.230	0.38	0.86	59	892	38	11 185	-301.1	1 080.6	1972	78 06 - GPP
170	8.15	0.260	0.17	0.85	51	915	36	10 753	-270.6	1 065.0	1973	94 12 - GPP
65	0.91	0.150	0.34	0.86	60	892	32	10 318	-260.5	1 049.0	1977	78 12
16	4.00	0.230	0.35	0.89	41	890	33	9 778	-287.6	1 079.5	1978	96 07 - GPP
32	3.50	0.120	0.40	0.89	40	861	36	9 849	-316.9	1 056.0	1980	96 07 - GPP
50	1.50	0.230	0.22	0.89	43	887	37	11 146	-326.8	1 108.3	1983	87 12 - GPP
16	1.50	0.160	0.48	0.89	47	900	35	9 463	-288.2	1 077.3	1984	96 07 - GPP
32	5.00	0.170	0.43	0.86	55	855	38	9 437	-412.2	1 216.3	1985	89 12 - GPP
64	3.40	0.210	0.26	0.89	45	823	32	10 917	-302.9	1 074.1	1986	96 06 - GPP
308	4.23	0.230	0.19	0.89	45	887	37	11 195	-332.8	1 135.0	1984	95 04 - GPP
175	5.82	0.226	0.26	0.88	56	880	32	15 326	-301.1	1 075.4	1989	91 10 - GPP
132	4.54	0.240	0.21	0.88	56	880	32	10 516	-310.0	1 082.7	1989	94 05 - GPP
268	5.51	0.260	0.21	0.89	60	879	35	10 927	-257.3	1 032.7	1990	95 01 - GPP
16	2.00	0.150	0.38	0.90	44	895	32	10 807	-267.0	1 054.5	1979	96 07 - ABAND 93 07
16	8.40	0.150	0.50	0.89	45	887	37	10 425	-269.0	1 041.5	1990	94 12 - ABAND 93 07
43	2.73	0.230	0.36	0.88	45	887	37	10 845	-332.3	1 124.4	1990	96 09 - GPP
37	3.32	0.230	0.29	0.88	45	887	37	10 122	-323.9	1 110.5	1991	93 02 - GPP
79	1.50	0.220	0.19	0.89	45	904	36	13 563	-296.1	1 075.3	1990	93 12 - GPP
85	5.42	0.240	0.27	0.89	51	886	28	10 873	-254.5	1 029.0	1992	97 03 - GPP
64	4.50	0.160	0.56	0.89	42	890	33	9 278	-406.7	1 201.5	1993	94 07
16	9.91	0.220	0.24	0.86	60	879	35	10 501	-292.0	1 074.7	1994	95 11 - GPP
16	3.60	0.210	0.27	0.89	44	887	37	10 507	-304.5	1 080.3	1995	97 02 - GPP
32	5.79	0.250	0.50	0.90	41	898	34	11 566	-324.2	1 105.7	1968	73 12 - ABAND 72 11
65	2.74	0.270	0.25	0.89	42	915	38	10 875	-358.6	1 138.9	1974	83 12 - ABAND 77 01

TABLE 2-6

	1	2	3	4	5	6	7	8
FIELD POOL	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
COUNTESS 021-16W4 (CONTINUED)								
LOWER MANNVILLE F	134.0	<0.06		6.9		6.9	6.9	
LOWER MANNVILLE G	251.0	0.05		12.6		12.6	8.5	4.1
LOWER MANNVILLE H	97.9	<0.01		0.8		0.8	0.8	
LOWER MANNVILLE I	61.7	<0.01		0.1		0.1		0.1
LOWER MANNVILLE J	105.0	<0.01		0.3		0.3	0.3	
LOWER MANNVILLE K	87.0	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE L	64.3	<0.02		0.7		0.7	0.7	
LOWER MANNVILLE N	124.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE O	32.8	<0.02		0.6		0.6	0.6	
LOWER MANNVILLE P	117.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE Q	218.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE S WATER FLOOD	311.0	0.05	0.02	15.6	6.2	21.8	15.6	6.2
LOWER MANNVILLE T	97.7	<0.01		0.9		0.9	0.9	
LOWER MANNVILLE U	69.4	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE V	206.0	0.10		20.6		20.6	11.2	9.4
LOWER MANNVILLE X	2 618.0	0.10		262.0		262.0	58.1	203.9
OSTRACOD D	130.0	0.19		24.7		24.7	20.4	4.3
OSTRACOD E & BASAL QUARTZ B	72.1	<0.10		6.9		6.9	6.9	
BASAL QUARTZ D	73.0	0.05		3.7		3.7	0.3	3.4
BASAL QUARTZ F	21.0	<0.01		0.1		0.1	0.1	
PEKISKO B	66.6	<0.01		0.1		0.1	0.1	
PEKISKO C	88.1	<0.01		0.1		0.1	0.1	
PEKISKO E	47.2	<0.01		0.4		0.4	0.4	
FIELD TOTAL *	44 278.1			5 101.4	12 471.7	17 573.3	14 226.9	3 346.4
CRANBERRY 096-06W6								
BLUESKY A	110.0	0.10		11.0		11.0	0.2	10.8
FIELD TOTAL *	110.0			11.0		11.0	0.2	10.8
DEER 025-07W4								
ELLERSLIE A	73.7	0.15		11.1		11.1	1.1	10.0
FIELD TOTAL	73.7			11.1		11.1	1.1	10.0
DINA 045-01W4								
SPARKY	863.0	0.18		155.0		155.0	120.4	34.6
SPARKY B	134.0	0.20		26.8		26.8	19.9	6.9
SPARKY C	83.4	<0.01		0.1		0.1	0.1	
FIELD TOTAL	1 080.4			181.9		181.9	140.4	41.5
DOLCY 041-04W4								
LLOYDMINSTER A	1 349.0	0.10		135.0		135.0	66.7	68.3
LLOYDMINSTER C WATER FLOOD	1 850.0	0.25	0.10	463.0	185.0	648.0	341.1	306.9
CUMMINGS A	82.7	0.05		4.1		4.1	0.5	3.6
FIELD TOTAL	3 281.7			602.1	185.0	787.1	408.3	378.8
EARRING 083-08W6								
CHARLIE LAKE D	129.0	0.10		12.9		12.9	2.0	10.9
FIELD TOTAL *	129.0			12.9		12.9	2.0	10.9
EDGERTON 045-04W4								
COLONY G	73.1	<0.02		1.4		1.4	1.4	
SPARKY A	95.2	0.05		4.8		4.8	2.2	2.6
SPARKY B	15.1	<0.03		0.4		0.4	0.4	
GENERAL PETROLEUM A	81.3	<0.01		0.2		0.2	0.2	
REX A	352.0	0.05		17.6		17.6	4.3	13.3
LLOYDMINSTER A	151.0	<0.04		6.0		6.0	6.0	
LLOYDMINSTER B	200.0	0.02		4.0		4.0	3.6	0.4
LLOYDMINSTER C	53.1	<0.02		0.6		0.6	0.6	
LLOYDMINSTER D	55.6	<0.01		0.1		0.1	0.1	
LLOYDMINSTER E	131.0	0.08		10.5		10.5	10.5	
LLOYDMINSTER F	209.0	0.10		20.9		20.9	17.7	3.2
LLOYDMINSTER G	132.0	0.12		15.8		15.8	11.2	4.6

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m^3/m^3	kg/m^3	°C	kPa	m MSL	m KB		
32	4.30	0.190	0.42	0.89	48	892	34	11 088	-352.0	1 130.8	1973	96 07 - GPP
64	4.00	0.160	0.28	0.85	66	864	34	10 868	-379.0	1 113.9	1979	80 01 - GPP
32	5.00	0.160	0.55	0.85	75	869	36	10 726	-486.5	1 347.5	1980	94 11 - ABAND 93 11
64	1.80	0.140	0.55	0.85	53	855	41	10 374	-473.0	1 334.9	1980	88 12
32	3.60	0.170	0.40	0.89	38	910	37	11 285	-326.4	1 096.5	1981	82 09 - ABAND 83 03
64	2.00	0.160	0.50	0.85	58	865	40	10 889	-482.9	1 362.2	1981	83 10
16	7.50	0.140	0.55	0.85	76	869	36	10 405	-479.2	1 357.5	1981	96 07 - GPP
32	3.30	0.220	0.40	0.89	46	910	36	10 885	-334.3	1 108.7	1983	92 09 - ABAND 84 05
16	2.56	0.150	0.40	0.89	37	862	35	10 779	-315.2	1 085.2	1984	91 12
32	3.80	0.180	0.40	0.89	44	900	34	10 480	-303.3	1 102.6	1979	85 03 - ABAND 93 05
64	4.70	0.165	0.50	0.88	47	898	38	10 284	-456.3	1 286.5	1984	85 06 - ABAND 86 08
45	5.24	0.210	0.31	0.91	83	839	45	11 867	-356.6	1 160.0	1989	94 12 - GPP
16	6.80	0.200	0.49	0.88	43	892	38	11 045	-334.8	1 105.8	1989	96 07 - GPP
16	3.20	0.280	0.45	0.88	43	892	38	11 160	-352.2	1 148.6	1990	96 07 - ABAND 96 07
32	4.20	0.260	0.36	0.92	33	918	34	10 083	-420.6	1 181.7	1990	91 03 - GPP
272	7.50	0.230	0.38	0.90	43	901	35	11 208	-326.4	1 098.2	1994	96 02 - GPP
85	1.50	0.200	0.42	0.88	48	887	38	9 995	-427.5	1 249.2	1985	97 12 - GPP
32	2.38	0.174	0.36	0.85	47	887	37	9 918	-452.2	1 302.3	1958	95 05 - ABAND 93 06
16	7.60	0.150	0.50	0.80	40	905	35	10 328	-481.3	1 387.8	1959	93 05 - GPP
32	1.30	0.175	0.68	0.90	40	905	35	11 101	-273.6	1 047.8	1984	84 12 - ABAND 93 09
64	4.50	0.040	0.35	0.89	43	864	38	10 394	-412.3	1 174.3	1980	85 12 - ABAND 95 01
64	3.60	0.060	0.25	0.85	64	875	39	10 556	-493.1	1 363.7	1981	84 12
16	5.00	0.110	0.39	0.88	47	894	34	9 683	-326.4	1 094.0	1994	96 12 - ABAND 96 07
32	2.00	0.270	0.32	0.94	26	907	40		-60.1	980.0	1996	97 11 - GPP
16	4.90	0.180	0.42	0.90	35	955	37	9 324	-182.6	915.1	1989	93 05 - GPP
226	2.06	0.290	0.32	0.94	13	972	25	4 289	25.2	554.7	1947	94 12 - GPP
32	2.79	0.290	0.46	0.96	10	961	28	4 292	35.0	545.1	1985	96 12 - GPP
32	1.50	0.280	0.36	0.97	13	913	24	4 206	34.4	568.8	1988	92 10 - ABAND 91 11
286	1.95	0.300	0.16	0.96	10	918	31	5 684	-83.6	800.4	1992	97 01 - GPP
192	4.18	0.300	0.20	0.96	10	918	31	5 339	-80.6	778.8	1996	97 12 - GPP
16	2.65	0.270	0.24	0.95	19	935	28	5 645	-102.4	791.6	1995	97 09 - GPP
32	5.20	0.140	0.37	0.88	44	907	46	9 461	-476.6	1 158.5	1993	97 03 - GPP
16	2.90	0.250	0.35	0.97	13	938	25	4 155	57.6	644.0	1979	96 07
16	8.00	0.200	0.60	0.93	27	855	29	3 539	11.8	648.0	1984	85 03 - GPP
16	1.00	0.280	0.65	0.96	12	955	25	4 317	16.5	637.5	1980	86 01 - ABAND 88 08
16	4.20	0.260	0.50	0.93	27	855	29	4 844	11.6	640.2	1984	96 12 - ABAND 95 08
48	2.90	0.310	0.16	0.97	12	935	29		2.2	651.8	1996	97 09
16	5.18	0.240	0.21	0.96	12	940	25	4 249	4.2	685.3	1975	78 12
16	4.90	0.330	0.20	0.96	12	934	25	4 288	4.6	674.6	1977	95 03 - GPP
16	2.00	0.270	0.36	0.96	14	959	33	4 407	-2.3	655.2	1980	80 07 - GPP
16	2.00	0.270	0.33	0.96	12	951	25	4 808	-5.0	686.5	1980	84 12 - ABAND 93 10
32	1.80	0.300	0.21	0.96	12	946	25	4 407	1.7	703.9	1979	96 07 - GPP
32	2.60	0.350	0.26	0.97	12	965	28	4 177	6.8	667.7	1985	93 12 - GPP
16	3.70	0.310	0.25	0.96	17	959	28	3 873	-12.2	662.7	1980	97 12 - GPP

TABLE 2-6

	1	2	3	4	5	6	7	8
FIELD POOL	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
EDGERTON 045-04W4 (CONTINUED)								
LLOYDMINSTER H	83.9	0.17		14.3		14.3	10.5	3.8
D-2 D	1 658.0	0.08		133.0		133.0	118.3	14.7
D-2 A & CAMROSE A	909.0	0.10		90.9		90.9	62.0	28.9
WOODBEND A	5 403.0	0.10		540.0		540.0	170.0	370.0
FIELD TOTAL	9 602.3			860.5		860.5	419.0	441.5
ENCHANT 014-16W4								
UPPER MANNVILLE B	217.0	0.06		13.1		13.1	13.1	
UPPER MANNVILLE D	107.0	<0.02		1.5		1.5	1.5	
UPPER MANNVILLE H	40.6	<0.10		3.8		3.8	3.8	
UPPER MANNVILLE I	55.6	<0.08		4.1		4.1	4.1	
UPPER MANNVILLE K	214.0	<0.02		2.7		2.7	2.7	
UPPER MANNVILLE M	75.3	0.15		11.3		11.3	5.8	5.5
UPPER MANNVILLE S	131.0	0.15		19.7		19.7	12.9	6.8
UPPER MANNVILLE T	26.7	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE AA	30.2	<0.06		1.7		1.7	1.7	
UPPER MANNVILLE BB	326.0	0.10		32.6		32.6	13.2	19.4
UPPER MANNVILLE SS	45.1	<0.03		1.1		1.1	1.1	
UPPER MANNVILLE UU	135.0	0.03		4.1		4.1	1.9	2.2
UPPER MANNVILLE WW	163.0	0.10		16.3		16.3	2.4	13.9
UPPER MANNVILLE TT & YY	204.0	0.05		10.2		10.2	3.1	7.1
UPPER MANNVILLE CCC	26.3	0.10		2.6		2.6	0.2	2.4
LOWER MANNVILLE B	332.0	<0.01		1.2		1.2	1.2	
LOWER MANNVILLE E	61.1	<0.01		0.4		0.4	0.4	
LOWER MANNVILLE I	206.0	0.05		10.3		10.3	5.9	4.4
LOWER MANNVILLE K	83.9	<0.01		0.4		0.4	0.4	
LOWER MANNVILLE L	75.4	0.20		15.1		15.1	4.0	11.1
SUNBURST A	98.7	0.10		9.9		9.9	2.2	7.7
SUNBURST B	94.6	<0.03		2.5		2.5	2.5	
SUNBURST D	41.3	<0.01		0.2		0.2	0.2	
SUNBURST E	5.1	<0.02		0.1		0.1	0.1	
SUNBURST F	20.2	<0.02		0.4		0.4	0.4	
SUNBURST G	86.7	<0.01		0.7		0.7	0.7	
SUNBURST K	143.0	0.10		14.3		14.3	1.6	12.7
SUNBURST C & ELLIS G	175.0	0.10		17.5		17.5	11.2	6.3
ELLIS A	243.0	<0.03		5.6		5.6	5.6	
ELLIS B	223.0	0.20		44.6		44.6	35.3	9.3
ELLIS C	908.0	0.50		454.0		454.0	392.1	61.9
ELLIS D	1 690.0	0.30		507.0		507.0	421.8	85.2
ELLIS E	66.6	0.10		6.7		6.7	0.2	6.5
ELLIS F	398.0	0.25		99.5		99.5	82.1	17.4
ELLIS I	571.0	0.37		211.0		211.0	189.4	21.6
ELLIS J	87.6	0.09		7.9		7.9	6.3	1.6
ELLIS K	292.0	0.45		131.0		131.0	104.4	26.6
ELLIS L	2 337.0	0.60		1 402.0		1 402.0	1 203.5	198.5
ELLIS N	37.6	<0.02		0.5		0.5	0.5	
ELLIS P	33.7	<0.01		0.1		0.1	0.1	
ELLIS Q	301.0	0.25		75.3		75.3	34.2	41.1
ELLIS R	11.1	0.30		3.3		3.3	2.8	0.5
ELLIS S	201.0	0.25		50.3		50.3	30.9	19.4
ELLIS T	123.0	0.30		36.9		36.9	20.4	16.5
ELLIS U	406.0	0.50		203.0		203.0	184.3	18.7
ELLIS W	110.0	0.20		22.0		22.0	18.4	3.6
ELLIS X	105.0	0.19		20.0		20.0	15.5	4.5
ELLIS Y	262.0	0.55		144.0		144.0	117.1	26.9
ELLIS Z	105.0	0.20		21.0		21.0	10.6	10.4
ELLIS AA	133.0	0.30		39.9		39.9	18.8	21.1
ELLIS CC	78.2	0.15		11.7		11.7	1.8	9.9
FIELD TOTAL *	11 942.6			3 695.2		3 695.2	2 994.5	700.7
ENTWISTLE 054-06W5								
BANFF A	219.0	<0.01		0.4		0.4	0.4	
FIELD TOTAL	219.0			0.4		0.4	0.4	
ESTHER 032-02W4								
UPPER MANNVILLE B	1 310.0	0.15		197.0		197.0	166.7	30.3
UPPER MANNVILLE F	44.0	<0.09		3.9		3.9	3.9	

* HEAVY CRUDE OIL POOLS

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
16	2.47	0.280	0.21	0.96	16	946	28	4 319	-1.5	673.3	1976	97 12 - GPP
250	6.35	0.170	0.36	0.96	17	959	25	4 275	7.3	640.5	1983	91 12 - GPP
110	7.79	0.170	0.35	0.96	17	959	25	4 645	3.1	653.4	1984	87 08 - GPP
1 184	3.38	0.200	0.25	0.90	45	954	25	8 408	-431.9	1 127.4	1993	94 11 - GPP
64	2.65	0.240	0.40	0.89	48	915	30	11 269	-201.3	964.2	1966	96 07 - ABAND 96 06
64	1.52	0.200	0.38	0.89	56	915	27	10 823	-228.9	989.1	1968	97 03 - ABAND 88 09
16	3.10	0.140	0.35	0.90	46	919	23	11 530	-241.5	1 014.2	1973	92 10
32	1.83	0.180	0.38	0.85	62	855	24	10 898	-212.8	1 015.3	1977	96 07 - GPP
16	11.30	0.190	0.30	0.89	44	891	33	11 886	-244.9	1 044.7	1982	92 11 - ABAND 89 07
16	3.30	0.220	0.28	0.90	35	931	60	11 016	-253.5	1 041.5	1981	95 11
32	4.00	0.140	0.19	0.90	42	913	33	10 172	-241.3	1 001.7	1987	97 12 - GPP
16	1.70	0.180	0.38	0.88	57	927	34	12 358	-295.6	1 090.0	1988	96 07
16	2.30	0.160	0.41	0.87	60	868	32	10 753	-256.4	1 024.5	1990	96 07 - GPP
64	6.13	0.150	0.34	0.84	72	890	31	10 831	-232.2	1 008.5	1991	92 06 - GPP
16	1.80	0.220	0.20	0.89	56	915	27	10 677	-211.7	978.6	1968	97 03 - ABAND 93 05
16	8.20	0.200	0.43	0.90	46	913	33	9 838	-159.3	966.2	1995	97 09
106	1.35	0.220	0.37	0.82	70	888	31		-206.3	967.0	1996	97 05
16	17.70	0.160	0.50	0.90	46	913	33		-174.9	980.3	1994	97 09
16	1.60	0.170	0.35	0.93	35	945	29		-247.0	1 040.1	1985	97 09 - GPP
65	4.57	0.220	0.40	0.85	53	855	38	11 566	-270.2	1 040.7	1968	69 06 - ABAND 69 09
16	3.00	0.220	0.35	0.89	15	922	24	12 146	-290.6	1 085.2	1978	96 07
16	10.00	0.210	0.28	0.85	67	875	32	11 240	-274.4	1 023.3	1988	89 09 - GPP
32	3.20	0.150	0.40	0.91	38	904	29	11 364	-273.9	1 037.5	1994	96 10 - ABAND 96 05
32	2.00	0.210	0.39	0.92	37	921	27		-299.3	1 096.0	1996	97 07
64	1.80	0.190	0.45	0.82	82	855	38	10 831	-230.3	1 032.5	1976	96 12
16	6.00	0.170	0.39	0.95	18	934	33	10 831	-230.6	1 018.0	1987	94 05 - ABAND 93 12
16	4.00	0.170	0.60	0.95	20	897	32	10 229	-226.4	1 021.8	1991	96 04 - ABAND 96 02
16	0.60	0.160	0.60	0.83	46	941	22	9 638	-198.7	995.6	1992	93 10 - ABAND 93 04
16	1.20	0.180	0.37	0.93	22	895	32	9 533	-194.3	982.5	1992	96 04 - ABAND 94 06
16	6.40	0.150	0.38	0.91	38	905	29	9 944	-266.7	1 030.7	1994	97 02 - ABAND 96 12
32	3.50	0.210	0.33	0.91	44	910	30	10 148	-217.1	999.8	1996	96 09 - GPP
32	4.80	0.210	0.43	0.95	20	875	32	10 898	-220.9	1 009.0	1989	96 06 - GPP
64	3.00	0.240	0.40	0.88	15	880	30	11 362	-222.2	1 028.1	1953	89 12 - ABAND 88 01
96	2.58	0.220	0.53	0.87	53	934	28	10 922	-201.2	989.9	1983	91 12 - GPP
181	3.10	0.240	0.29	0.95	15	875	34	11 198	-201.0	996.6	1981	94 12 - GPP
545	2.44	0.220	0.32	0.85	67	875	32	11 273	-206.1	993.1	1981	97 12 - GPP
16	3.00	0.240	0.32	0.85	74	880	35	11 010	-217.0	1 011.6	1987	92 03 - GPP
101	2.68	0.260	0.35	0.87	53	876	28	10 524	-183.3	974.2	1989	94 10 - GPP
150	3.07	0.250	0.43	0.87	53	875	28	10 671	-180.4	955.0	1990	97 12 - GPP
32	1.90	0.230	0.28	0.87	53	875	28	10 332	-207.1	1 005.8	1990	96 08 - GPP
76	2.05	0.260	0.24	0.95	14	875	34	10 095	-178.5	965.7	1991	94 12 - GPP
324	4.33	0.240	0.22	0.89	14	905	34	10 270	-180.8	966.6	1991	97 12 - GPP
16	1.90	0.210	0.38	0.95	18	931	33	10 135	-184.8	965.3	1991	92 11 - ABAND 92 09
16	1.40	0.270	0.36	0.87	53	877	28	10 522	-181.0	953.0	1991	96 07 - ABAND 96 08
80	2.21	0.280	0.30	0.87	53	875	28	10 214	-207.6	996.7	1992	92 11 - GPP
16	1.00	0.160	0.50	0.87	53	868	28	10 179	-206.1	993.1	1992	93 12 - GPP
32	3.60	0.280	0.30	0.89	44	866	31	13 831	-178.9	962.2	1992	95 12 - GPP
73	1.52	0.230	0.46	0.89	44	866	31	9 709	-177.3	959.3	1992	97 01 - GPP
80	2.64	0.260	0.17	0.89	44	866	31	9 852	-184.5	965.4	1993	94 12 - GPP
64	1.47	0.240	0.44	0.87	53	868	28	9 812	-186.6	961.9	1993	95 12 - GPP
32	2.30	0.220	0.32	0.95	14	905	34	10 435	-183.4	970.7	1991	97 12 - GPP
48	3.90	0.235	0.33	0.89	40	880	32	10 276	-181.5	972.2	1992	96 09 - GPP
47	1.40	0.230	0.27	0.95	14	906	34	9 555	-196.9	984.5	1992	94 12 - GPP
61	1.38	0.250	0.32	0.93	34	891	32	9 378	-195.2	972.5	1994	96 09 - GPP
16	5.20	0.220	0.55	0.95	15	906	34	9 246	-208.0	998.0	1996	96 07 - GPP
16	11.80	0.180	0.26	0.87	54	919	42	13 037	-781.8	1 553.3	1989	95 02 - ABAND 94 11
512	1.80	0.220	0.32	0.95	24	959	29	7 438	-49.8	724.0	1968	97 02 - GPP
16	2.70	0.170	0.37	0.95	22	950	25	7 191	-54.2	761.5	1979	96 07 - GPP

TABLE 2-6

	1	2	3	4	5	6	7	8
FIELD POOL	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
ESTHER 032-02W4 (CONTINUED)								
UPPER MANNVILLE J	68.4	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE K	71.9	0.10		7.2		7.2	4.9	2.3
UPPER MANNVILLE R	32.4	0.25		8.1		8.1	5.3	2.8
UPPER MANNVILLE U	21.3	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE V	29.3	0.10		2.9		2.9	1.0	1.9
UPPER MANNVILLE Y	102.0	0.05		5.1		5.1	1.3	3.8
BAKKEN A	57.9	<0.01		0.2		0.2	0.2	
BAKKEN B	54.0	0.02		1.1		1.1	0.4	0.7
BAKKEN C	330.0	0.20		66.0		66.0	22.1	43.9
BAKKEN E	681.0	0.15		102.0		102.0	17.4	84.6
BAKKEN G	154.0	0.15		23.1		23.1	4.2	18.9
BAKKEN I	292.0	0.05		14.6		14.6	1.7	12.9
BAKKEN J	116.0	0.20		23.2		23.2	13.2	10.0
BAKKEN K	165.0	0.15		24.8		24.8	6.5	18.3
BAKKEN L	545.0	0.30		164.0		164.0	122.5	41.5
BAKKEN M	421.0	0.15		63.2		63.2	41.0	22.2
BAKKEN N	101.0	0.15		15.2		15.2	4.4	10.8
BAKKEN O	256.0	0.10		25.6		25.6	4.3	21.3
BAKKEN P	362.0	0.25		90.5		90.5	20.1	70.4
BAKKEN Q	893.0	0.20		179.0		179.0	33.0	146.0
BAKKEN R	125.0	0.15		18.8		18.8	2.9	15.9
BAKKEN S	401.0	0.15		60.2		60.2	4.4	55.8
BAKKEN T	28.6	0.15		4.3		4.3	0.5	3.8
BAKKEN U	636.0	0.15		95.4		95.4	11.1	84.3
FIELD TOTAL *	7 297.8			1 195.6		1 195.6	493.2	702.4
EYREMORE 018-18W4								
LOWER MANNVILLE A	331.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL	331.0			0.1		0.1	0.1	
FERGUSON 003-17W4								
LOWER MANNVILLE A	373.0	0.05		18.7		18.7	7.6	11.1
FIELD TOTAL	373.0			18.7		18.7	7.6	11.1
FINCASTLE 009-15W4								
TABER A	105.0	0.10		10.5		10.5	7.0	3.5
TABER B	37.9	0.10		3.8		3.8	2.1	1.7
FIELD TOTAL	142.9			14.3		14.3	9.1	5.2
FLOOD 085-24W5								
CHARLIE LAKE A	330.0	0.05		16.5		16.5	2.8	13.7
CHARLIE LAKE B	128.0	0.05		6.4		6.4	0.6	5.8
FIELD TOTAL *	458.0			22.9		22.9	3.4	19.5
GALAHAD 040-15W4								
ELLERSLIE O	115.0	0.10		11.5		11.5	0.1	11.4
FIELD TOTAL *	115.0			11.5		11.5	0.1	11.4
GILBY 041-03W5								
RUNDLE K	627.0	0.02		12.6		12.6	10.9	1.7
FIELD TOTAL *	627.0			12.6		12.6	10.9	1.7
GLADYS 020-27W4								
RUNDLE D	366.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL *	366.0			0.1		0.1	0.1	
GLENEVIS 055-04W5								
BANFF	3 626.0	0.50		1 813.0		1 813.0	1 773.8	39.2
FIELD TOTAL	3 626.0			1 813.0		1 813.0	1 773.8	39.2
GRAINDALE 026-02W4								
LOWER MANNVILLE C	83.0	<0.01		0.8		0.8	0.8	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
16	3.00	0.300	0.50	0.95	21	929	27	8 052	-104.6	811.8	1984	85 08 - ABAND 92 09
32	1.20	0.270	0.27	0.95	40	957	27	6 539	-56.8	735.5	1972	95 12 - GPP
16	1.10	0.280	0.30	0.94	31	950	26	3 599	-49.0	747.7	1995	97 12 - GPP
8	2.00	0.260	0.46	0.95	1	944	32	7 986	-97.2	794.0	1995	96 10
16	2.00	0.180	0.47	0.96	18	938	33	8 037	-102.9	801.0	1996	96 11 - GPP
32	2.34	0.300	0.50	0.91	43	927	27		-69.3	769.2	1996	97 10
16	3.20	0.170	0.30	0.95	30	973	29	7 212	-106.9	790.0	1984	88 12
16	1.92	0.250	0.26	0.95	20	973	29	8 209	-141.8	847.9	1988	97 12 - GPP
64	2.54	0.310	0.31	0.95	31	946	18	7 141	-99.2	800.4	1994	97 01 - GPP
96	3.95	0.270	0.30	0.95	57	937	33	7 796	-119.7	822.6	1995	96 10 - GPP
32	3.00	0.260	0.35	0.95	26	953	28	7 203	-106.0	805.6	1993	96 10 - GPP
32	4.94	0.270	0.28	0.95	22	927	32	7 948	-112.8	810.3	1995	96 08 - GPP
32	2.80	0.210	0.35	0.95	21	946	29	7 545	-111.0	827.1	1984	96 10 - GPP
16	5.00	0.290	0.25	0.95	57	937	33	7 545	-111.0	816.8	1995	96 10 - GPP
48	5.19	0.320	0.28	0.95	57	937	33	7 375	-110.9	822.0	1985	96 10 - GPP
63	3.75	0.280	0.33	0.95	1	944	32	7 505	-96.6	794.5	1969	96 10 - GPP
16	3.42	0.300	0.36	0.96	17	945	32	7 752	-115.0	823.3	1996	97 10 - GPP
48	3.80	0.230	0.35	0.94	29	938	29	6 588	-107.4	811.5	1996	96 11 - GPP
48	4.10	0.290	0.34	0.96	18	938	32	7 843	-109.6	812.3	1996	96 11 - GPP
80	5.40	0.290	0.25	0.95	21	938	32	7 424	-116.2	817.1	1996	97 10 - GPP
16	4.00	0.290	0.30	0.96	18	940	32	7 740	-116.6	818.0	1996	97 01 - GPP
32	6.57	0.280	0.29	0.96	16	954	33	7 785	-121.5	834.3	1996	97 11
16	1.50	0.180	0.31	0.96	16	954	33	5 421	-123.3	836.0	1996	97 01 - GPP
32	10.38	0.280	0.28	0.95	21	938	32		-114.0	815.0	1996	96 11 - GPP
64	5.20	0.180	0.35	0.85	67	881	33	9 973	-348.0	1 152.9	1978	82 12 - ABAND 79 10
64	7.15	0.150	0.44	0.97	10	935	30	7 162	150.0	908.7	1969	83 05 - GPP
32	2.77	0.210	0.40	0.94	28	934	30	10 295	-99.9	978.3	1977	97 12 - GPP
32	1.50	0.140	0.40	0.94	18	925	35	5 959	-102.4	979.3	1979	97 12 - GPP
32	4.70	0.290	0.22	0.97	32	917	35	6 383	-145.9	865.5	1994	95 08 - GPP
32	2.50	0.210	0.20	0.95	25	922	31	6 234	-144.6	861.3	1995	96 04 - GPP
16	3.50	0.240	0.10	0.95	16	908	34	8 688	-348.1	1 096.8	1996	97 02 - GPP
65	19.14	0.075	0.17	0.81	66	915	69	15 536	-1 087.3	2 061.4	1971	75 12
32	25.50	0.120	0.55	0.83	74	948	54	18 648	-961.0	2 035.6	1979	82 12 - ABAND 82 02
537	10.49	0.113	0.36	0.89	43	934	43	10 788	-586.2	1 327.3	1951	96 09 - GPP
16	4.00	0.210	0.35	0.95	21	975	30	9 123	-192.3	936.6	1980	81 01 - ABAND 89 08

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
GRAINDALE 026-02W4 (CONTINUED)								
LOWER MANNVILLE D	83.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL	166.0			0.9		0.9	0.9	
GRAND FORKS 011-13W4								
UPPER MANNVILLE B TOTAL	3 111.0			465.0	1 020.0	1 485.0	1 311.4	173.6
PRIMARY AREA	21.2	<0.11		2.3		2.3		
WATER FLOOD AREA	3 090.0	0.15	0.33	463.0	1 020.0	1 483.0		
UPPER MANNVILLE E	148.0	0.20		29.6		29.6	24.7	4.9
UPPER MANNVILLE G	13.1	0.20		2.6		2.6	1.6	1.0
UPPER MANNVILLE H	392.0	0.10		39.2		39.2	5.9	33.3
UPPER MANNVILLE I	220.0	0.05		11.0		11.0	5.1	5.9
LOWER MANNVILLE D TOTAL	16 210.0			1 919.0	4 371.0	6 290.0	6 144.8	145.2
PRIMARY AREA	603.0	0.10		60.3		60.3		
WATER FLOOD AREA	15 610.0	<0.12	0.28	1 859.0	4 371.0	6 230.0		
LOWER MANNVILLE H TOTAL	574.0			175.0	26.2	201.0	189.4	11.6
PRIMARY AREA	49.9	0.35		17.5		17.5		
WATER FLOOD AREA	524.0	0.30	0.05	157.0	26.2	183.0		
LOWER MANNVILLE X	148.0	<0.02		1.8		1.8	1.8	
LOWER MANNVILLE Y	80.2	<0.05		3.3		3.3	3.3	
LOWER MANNVILLE CC	12.3	<0.05		0.6		0.6	0.6	
LOWER MANNVILLE EE	35.6	<0.03		1.0		1.0	1.0	
LOWER MANNVILLE NN	45.1	<0.02		0.7		0.7	0.7	
LOWER MANNVILLE OO	56.9	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE RR	198.0	0.05		9.9		9.9	5.2	4.7
LOWER MANNVILLE SS	28.3	0.07		2.0		2.0	2.0	
LOWER MANNVILLE UU	21.7	0.25		5.4		5.4	3.8	1.6
LOWER MANNVILLE VV	17.1	0.25		4.3		4.3	3.6	0.7
LOWER MANNVILLE WW	626.0	0.20		125.0		125.0	50.5	74.5
LOWER MANNVILLE XX	11.2	<0.03		0.3		0.3	0.3	
LOWER MANN K & V WATER FLOOD	4 497.0	0.15	0.34	675.0	1 570.0	2 245.0	2 223.8	21.2
LOWER MANNVILLE M&N	1 055.0	0.21		222.0		222.0	195.1	26.9
LOWER MANNVILLE TT & SAWTOOTH U	1 246.0	0.25		312.0		312.0	252.4	59.6
SAWTOOTH A	1 013.0	0.25		253.0		253.0	206.1	46.9
SAWTOOTH C	435.0	0.15		65.3		65.3	60.2	5.1
SAWTOOTH D	1 727.0	0.30		518.0		518.0	421.2	96.8
SAWTOOTH F	213.0	0.28		59.6		59.6	39.7	19.9
SAWTOOTH G	33.6	<0.06		1.9		1.9	1.9	
SAWTOOTH H	71.3	<0.10		7.0		7.0	7.0	
SAWTOOTH I	353.0	0.35		124.0		124.0	84.6	39.4
SAWTOOTH J	448.0	0.13		58.2		58.2	47.9	10.3
SAWTOOTH K	32.4	<0.01		0.3		0.3	0.3	
SAWTOOTH L	1 940.0	0.34		660.0		660.0	639.8	20.2
SAWTOOTH N	1 670.0	0.25		418.0		418.0	391.3	26.7
SAWTOOTH O	4 429.0	0.40		1 772.0		1 772.0	1 614.8	157.2
SAWTOOTH Q	1 839.0	0.30		552.0		552.0	414.5	137.5
SAWTOOTH T	2 500.0	0.50		1 250.0		1 250.0	1 137.4	112.6
SAWTOOTH W	924.0	0.25		231.0		231.0	173.9	57.1
SAWTOOTH X	285.0	0.10		28.5		28.5	21.6	6.9
SAWTOOTH Y	211.0	0.15		31.7		31.7	24.6	7.1
SAWTOOTH Z	61.3	<0.03		1.5		1.5	1.5	
SAWTOOTH AA	28.3	<0.06		1.5		1.5	1.5	
SAWTOOTH CC	230.0	0.25		57.5		57.5	52.7	4.8
SAWTOOTH EE	314.0	0.35		110.0		110.0	89.7	20.3
SAWTOOTH II	1 173.0	0.20		235.0		235.0	169.3	65.7
SAWTOOTH JJ	220.0	<0.01		1.0		1.0	1.0	
SAWTOOTH KK	522.0	0.25		131.0		131.0	56.2	74.8
SAWTOOTH LL	676.0	<0.14		88.9		88.9	88.9	
SAWTOOTH MM WATER FLOOD	4 351.0	0.30	0.20	1 305.0	870.0	2 175.0	2 100.2	74.8
SAWTOOTH NN TOTAL	917.0			285.0	69.5	355.0	331.0	24.0
PRIMARY AREA	222.0	0.34		75.5		75.5		
WATER FLOOD AREA	695.0	0.30	0.10	209.0	69.5	279.0		
SAWTOOTH OO WATER FLOOD	2 687.0	0.20	0.28	537.0	752.0	1 289.0	1 245.5	43.5
SAWTOOTH PP	300.0	0.05		15.0		15.0	13.3	1.7

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
16	4.20	0.200	0.35	0.95	25	990	33	8 510	-195.5	967.7	1980	81 04
274					17	887	34	10 736	-149.5	928.0	1971	94 12
16	1.10	0.190	0.34	0.96								
258	6.33	0.270	0.27	0.96								- GPP
160	1.31	0.150	0.51	0.96	18	886	34	10 598	-140.8	906.9	1983	97 12 - GPP
16	1.00	0.170	0.50	0.96	18	886	34	10 208	-128.5	887.1	1993	94 01 - GPP
32	7.93	0.230	0.30	0.96	10	947	34	8 029	-122.5	899.6	1994	95 03 - GPP
48	2.84	0.240	0.30	0.96	18	886	34	10 325	-130.4	892.8	1994	97 12 - GPP
929					16	881	31	10 909	-144.8	895.6	1968	93 12 - GPP
64	5.00	0.270	0.28	0.97								
865	9.92	0.250	0.25	0.97								
110					21	934	32	10 591	-159.1	949.4	1971	97 12
24	2.00	0.190	0.43	0.96								
86	3.17	0.260	0.23	0.96								- GPP
16	5.20	0.240	0.23	0.96	16	933	33	10 387	-125.1	901.0	1981	96 07
32	1.23	0.300	0.30	0.97	9	952	34	10 611	-156.9	929.6	1972	77 12 - ABAND 91 05
16	1.50	0.120	0.55	0.95	18	888	34	8 613	-143.4	912.4	1981	96 07
32	1.20	0.150	0.35	0.95	16	886	31	10 611	-142.1	867.8	1982	88 12
32	1.70	0.150	0.43	0.97	11	904	28	11 715	-156.7	869.4	1984	89 12 - ABAND 90 11
32	2.00	0.180	0.48	0.95	16	887	31	10 462	-158.7	876.0	1988	88 08 - ABAND 88 09
32	5.00	0.210	0.38	0.95	14	905	34	10 046	-142.8	922.0	1988	89 03 - GPP
16	1.80	0.190	0.45	0.94	25	886	33	8 746	-159.2	920.2	1991	96 07 - GPP
16	1.60	0.180	0.50	0.94	21	886	33	9 640	-148.0	863.9	1992	94 01 - GPP
16	1.00	0.190	0.40	0.94	21	886	33	9 457	-132.1	887.3	1987	95 12 - GPP
86	5.47	0.220	0.37	0.96	10	947	34	8 610	-119.3	907.5	1994	96 08 - GPP
16	0.70	0.200	0.48	0.96	10	947	34	9 475	-134.6	926.9	1994	95 11 - ABAND 95 09
384	5.87	0.250	0.16	0.95	18	892	32	11 391	-145.7	908.2	1973	85 09 - GPP
102	6.43	0.242	0.30	0.95	21	921	33	10 761	-136.2	899.6	1973	97 12 - GPP
218	4.11	0.240	0.39	0.95	15	905	34	10 034	-135.8	910.2	1973	95 12 - GPP
202	3.99	0.210	0.37	0.95	18	892	42	10 842	-149.4	874.2	1965	94 11 - GPP
48	5.70	0.250	0.33	0.95	20	922	30	10 363	-154.1	897.8	1980	89 12 - GPP
250	6.20	0.230	0.49	0.95	20	912	31	10 434	-145.0	917.7	1980	95 12 - GPP
115	2.09	0.170	0.45	0.95	18	903	42	10 917	-153.7	914.8	1979	96 01 - GPP
32	0.90	0.150	0.18	0.95	18	931	42	10 658	-150.2	933.2	1980	95 09 - ABAND 95 07
64	1.00	0.170	0.31	0.95	20	904	37	10 658	-155.2	953.5	1978	88 12 - ABAND 91 11
91	3.30	0.210	0.41	0.95	18	892	42	10 232	-154.7	908.4	1958	96 05 - GPP
138	2.54	0.240	0.44	0.95	19	891	32	10 595	-144.1	885.0	1979	96 08 - GPP
16	2.81	0.217	0.65	0.95	20	900	33	10 355	-129.2	923.9	1983	89 12
300	5.34	0.230	0.44	0.94	22	910	32	10 628	-149.8	867.9	1978	94 12 - GPP
107	9.43	0.260	0.33	0.95	18	907	34	10 579	-168.9	917.1	1984	88 11 - GPP
600	5.63	0.230	0.40	0.95	21	887	33	10 792	-155.6	908.8	1966	93 12 - GPP
294	3.64	0.270	0.33	0.95	16	921	31	10 539	-138.5	936.6	1975	95 07 - GPP
426	4.22	0.240	0.39	0.95	21	886	33	10 401	-144.0	880.9	1979	94 08 - GPP
112	6.20	0.240	0.41	0.94	25	910	32	10 622	-152.9	870.7	1980	95 12 - GPP
32	7.80	0.240	0.50	0.95	20	920	30	10 318	-168.6	915.3	1985	97 06 - GPP
32	4.20	0.220	0.25	0.95	14	900	34	10 234	-159.6	906.7	1985	95 12 - GPP
32	2.10	0.190	0.50	0.96	16	906	47	10 374	-153.1	938.4	1985	91 12 - ABAND 91 10
32	1.21	0.160	0.52	0.95	20	911	30	10 046	-151.6	940.1	1985	96 07 - ABAND 96 01
64	2.50	0.275	0.45	0.95	15	905	34	10 220	-132.9	906.3	1985	97 12 - GPP
48	5.54	0.230	0.46	0.95	19	899	33	10 130	-130.4	929.4	1986	95 12 - GPP
48	14.70	0.250	0.30	0.95	18	904	33	9 882	-166.3	913.7	1986	89 06 - GPP
64	4.90	0.180	0.59	0.95	15	922	34	9 535	-158.7	900.7	1986	92 10
140	3.10	0.200	0.36	0.94	24	911	30	10 887	-148.8	914.1	1965	97 05 - GPP
57	7.47	0.260	0.35	0.94	20	904	33	10 876	-147.6	903.3	1965	96 07 - GPP
1 125	2.27	0.250	0.29	0.96	18	887	31	10 898	-145.2	916.5	1957	93 04 - GPP
116					40	946	32	10 625	-156.2	909.0	1971	97 12 - GPP
36	4.25	0.240	0.37	0.96								
80	5.99	0.240	0.37	0.96								
598	2.40	0.260	0.25	0.96	21	887	33	10 840	-159.0	936.8	1971	95 03 - GPP
32	6.10	0.270	0.40	0.95	19	887	83	10 436	-157.6	900.0	1973	85 12 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
GRAND FORKS 011-13W4 (CONTINUED)								
SAWTOOTH RR	214.0	<0.03		4.4		4.4	4.4	
SAWTOOTH SS	2 048.0	0.37		758.0		758.0	663.5	94.5
SAWTOOTH VV	761.0	0.35		266.0		266.0	255.1	10.9
SAWTOOTH WW TOTAL	3 812.0			910.0	1 444.0	2 354.0	2 238.8	115.2
PRIMARY AREA	202.0	<0.04		6.9		6.9		
WATER FLOOD AREA	3 610.0	0.25	0.40	903.0	1 444.0	2 347.0		
SAWTOOTH XX	54.7	<0.01		0.1		0.1	0.1	
SAWTOOTH ZZ	534.0	0.30		160.0		160.0	143.2	16.8
SAWTOOTH AAA	49.2	<0.05		2.1		2.1	2.1	
SAWTOOTH BBB	34.7	<0.01		0.2		0.2	0.2	
SAWTOOTH CCC	688.0	0.15		103.0		103.0	70.5	32.5
SAWTOOTH DDD	245.0	0.30		73.5		73.5	62.1	11.4
SAWTOOTH EEE	332.0	0.10		33.2		33.2	25.6	7.6
SAWTOOTH FFF	43.8	<0.01		0.4		0.4	0.4	
SAWTOOTH HHH	265.0	0.30		79.5		79.5	34.5	45.0
SAWTOOTH III	392.0	0.04		15.7		15.7	6.4	9.3
SAWTOOTH LLL	276.0	0.10		27.6		27.6	16.5	11.1
SAWTOOTH MMM	115.0	<0.01		0.2		0.2	0.2	
SAWTOOTH NNN	145.0	0.10		14.5		14.5	7.4	7.1
SAWTOOTH PPP	1 777.0	0.30		533.0		533.0	246.9	286.1
SAWTOOTH QQQ	509.0	0.30		153.0		153.0	112.4	40.6
SAWTOOTH RRR	157.0	<0.01		0.8		0.8	0.8	
SAWTOOTH SSS TOTAL	418.0			159.0	5.2	164.0	151.9	12.1
PRIMARY AREA	158.0	0.38		60.0		60.0		
WATER FLOOD AREA	260.0	0.38	0.02	98.8	5.2	104.0		
SAWTOOTH TTT	185.0	<0.09		15.6		15.6	15.6	
SAWTOOTH UUU	28.6	<0.01		0.1		0.1	0.1	
SAWTOOTH VVV	141.0	<0.01		0.1		0.1	0.1	
SAWTOOTH WWW	108.0	0.02		2.2		2.2	2.2	
SAWTOOTH ZZZ	95.1	0.15		14.3		14.3	10.1	4.2
SAWTOOTH A2A	111.0	0.10		11.1		11.1	7.1	4.0
SAWTOOTH B2B	575.0	0.25		144.0		144.0	66.8	77.2
SAWTOOTH C2C	374.0	0.32		120.0		120.0	103.0	17.0
SAWTOOTH D2D	350.0	0.06		21.0		21.0	7.3	13.7
SAWTOOTH E2E	218.0	0.10		21.8		21.8	12.8	9.0
SAWTOOTH F2F	415.0	0.30		125.0		125.0	100.4	24.6
SAWTOOTH G2G	44.0	<0.03		1.0		1.0	1.0	
SAWTOOTH H2H	155.0	0.20		31.0		31.0	11.4	19.6
SAWTOOTH I2I	469.0	0.07		32.8		32.8	26.0	6.8
SAWTOOTH J2J	112.0	<0.02		1.7		1.7	1.7	
SAWTOOTH K2K	452.0	0.20		90.4		90.4	44.9	45.5
SAWTOOTH L2L	183.0	0.20		36.6		36.6	9.4	27.2
SAWTOOTH M2M	100.0	0.20		20.0		20.0	10.2	9.8
SAWTOOTH N2N	180.0	0.30		54.0		54.0	30.6	23.4
SAWTOOTH O2O	56.2	<0.02		0.9		0.9	0.9	
SAWTOOTH P2P	464.0	0.10		46.4		46.4	18.3	28.1
SAWTOOTH Q2Q	30.0	0.30		9.0		9.0	7.6	1.4
SAWTOOTH R2R	50.0	0.20		10.0		10.0	3.0	7.0
SAWTOOTH U2U	346.0	0.35		121.0		121.0	59.0	62.0
SAWTOOTH V2V	129.0	0.30		38.7		38.7	26.7	12.0
SAWTOOTH W2W	188.0	0.20		37.6		37.6	13.9	23.7
SAWTOOTH X2X	60.6	<0.01		0.1		0.1	0.1	
FIELD TOTAL *	76 840.3			17 104.4	10 127.9	27 232.4	24 498.0	2 734.4
GREENCOURT 059-09W5								
JURASSIC A & PEKISKO A	3 256.0	0.15		488.0		488.0	269.6	218.4
PEKISKO C	136.0	<0.01		0.5		0.5	0.5	
FIELD TOTAL	3 392.0			488.5		488.5	270.1	218.4
GREENCOURT EAST 059-06W5								
JURASSIC A	88.0	<0.01		0.6		0.6	0.6	
BANFF A	180.0	<0.01		0.3		0.3	0.3	
BANFF B	135.0	<0.01		0.6		0.6	0.6	
FIELD TOTAL *	403.0			1.5		1.5	1.5	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
115	1.64	0.230	0.44	0.88	50	921	34	10 927	-176.3	963.2	1964	95 04 - ABAND 92 06
256	4.90	0.250	0.29	0.92	64	941	21	10 604	-162.9	957.0	1953	94 12 - GPP
112	5.10	0.230	0.39	0.95	18	892	42	10 715	-143.5	902.9	1979	91 12 - GPP
723					31	885	32	10 761	-164.0	925.4	1983	96 09 - GPP
32	4.40	0.280	0.45	0.93								
691	3.27	0.260	0.36	0.96								
32	3.00	0.200	0.70	0.95	16	886	31	10 522	-145.1	858.0	1983	83 11 - ABAND 89 03
75	5.79	0.200	0.36	0.96	22	895	32	10 520	-156.3	910.3	1984	92 12 - GPP
16	4.40	0.210	0.65	0.95	27	891	34	10 919	-175.1	920.3	1987	96 03 - ABAND 96 01
16	1.70	0.210	0.36	0.95	14	906	34	9 648	-162.7	910.9	1987	96 07 - GPP
117	3.90	0.260	0.39	0.95	14	899	34	10 340	-151.3	905.1	1987	91 02 - GPP
48	4.23	0.209	0.38	0.93	31	887	32	10 269	-169.3	927.2	1985	95 12 - GPP
64	3.35	0.270	0.37	0.91	31	887	32	9 697	-169.8	918.2	1987	88 03 - GPP
16	1.90	0.220	0.31	0.95	16	886	31	9 760	-151.0	879.1	1987	91 12
44	3.89	0.240	0.32	0.95	18	907	34	9 382	-162.4	916.4	1988	96 08 - GPP
32	8.95	0.240	0.40	0.95	18	907	34	10 384	-178.0	931.4	1988	96 08
16	10.50	0.240	0.28	0.95	14	906	34	9 436	-164.1	918.9	1988	88 08 - GPP
16	5.00	0.240	0.37	0.95	14	906	34	9 378	-154.0	912.5	1988	96 07 - GPP
16	5.80	0.250	0.34	0.95	14	906	34	10 898	-172.9	926.1	1988	88 11 - GPP
614	2.72	0.200	0.44	0.95	14	906	34	10 843	-155.5	925.7	1988	95 10 - GPP
160	2.70	0.200	0.38	0.95	14	906	34	10 241	-148.9	881.3	1988	96 04 - GPP
32	5.50	0.200	0.53	0.95	14	906	34	9 415	-163.7	914.8	1989	94 12 - ABAND 91 07
86					40	946	32	11 221	-157.8	910.8	1976	90 02 - GPP
37	2.86	0.250	0.38	0.96								
49	3.57	0.250	0.38	0.96								
16	7.30	0.250	0.32	0.93	29	965	33	9 414	-162.8	919.3	1989	96 07 - GPP
32	1.00	0.200	0.53	0.95	14	906	34	9 833	-146.9	926.9	1989	90 11 - ABAND 90 02
32	4.00	0.200	0.42	0.95	14	905	34	9 875	-190.7	956.5	1989	91 09 - ABAND 91 07
32	2.51	0.240	0.41	0.95	14	905	34	9 639	-166.4	939.9	1990	96 01 - ABAND 95 10
32	2.43	0.230	0.44	0.95	14	906	34	9 650	-167.4	941.3	1990	92 02 - GPP
32	3.20	0.220	0.48	0.95	14	906	34	10 139	-150.1	865.6	1990	91 03 - GPP
80	4.80	0.250	0.37	0.95	34	891	32	10 361	-153.8	906.5	1991	95 12 - GPP
80	3.84	0.210	0.39	0.95	14	905	34	9 324	-160.3	891.0	1991	97 12 - GPP
60	3.05	0.280	0.28	0.95	14	905	34	7 943	-171.8	956.8	1991	96 08 - GPP
16	8.30	0.240	0.28	0.95	14	905	34	8 275	-168.0	916.5	1991	96 08 - GPP
64	4.59	0.240	0.38	0.95	14	905	34	7 426	-150.4	901.9	1991	94 12 - GPP
16	2.80	0.190	0.45	0.94	34	891	32	10 640	-151.5	882.8	1991	96 07 - GPP
16	5.30	0.260	0.26	0.95	14	905	34	10 775	-149.6	907.6	1991	92 04 - GPP
57	4.94	0.240	0.27	0.95	18	892	42	10 591	-150.8	882.0	1965	96 08 - GPP
16	6.00	0.220	0.44	0.95	14	906	34	7 677	-177.9	952.1	1990	96 07
92	3.30	0.270	0.42	0.95	17	919	37	9 879	-139.5	931.3	1991	96 03 - GPP
16	7.90	0.250	0.39	0.95	14	905	34	9 795	-137.3	920.6	1992	92 09 - GPP
16	3.80	0.230	0.23	0.93	14	905	34	11 334	-146.4	926.3	1992	92 12 - GPP
53	2.60	0.250	0.45	0.95	17	919	37	9 736	-134.5	926.8	1992	96 08 - GPP
16	2.80	0.240	0.45	0.95	14	906	34	9 673	-154.3	902.6	1992	96 07 - ABAND 96 10
32	9.50	0.220	0.27	0.95	14	906	34	8 608	-151.4	899.4	1991	97 09 - GPP
16	2.08	0.190	0.50	0.95	19	891	33	9 881	-144.0	878.0	1984	93 12 - GPP
16	2.90	0.220	0.49	0.96	10	947	34	9 086	-159.7	927.4	1994	94 09 - GPP
64	4.20	0.220	0.37	0.93	34	891	32	8 394	-152.8	919.4	1995	97 02 - GPP
24	4.10	0.230	0.40	0.95	15	906	34	9 319	-155.6	927.4	1995	96 03 - GPP
16	7.50	0.250	0.34	0.95	18	931	33	8 538	-168.8	923.3	1995	96 12 - GPP
8	5.50	0.260	0.43	0.93	25	882	35	11 208	-156.3	905.5	1996	97 05 - ABAND 97 02
700	5.30	0.130	0.25	0.90	49	915	58	11 286	-702.3	1 467.2	1961	96 08 - GPP
65	3.35	0.090	0.20	0.87	48	898	60	11 256	-712.8	1 474.2	1968	69 01
32	3.00	0.180	0.40	0.85	46	915	70	10 876	-564.6	1 246.8	1980	85 12
32	9.30	0.100	0.32	0.89	40	922	50	10 974	-569.4	1 237.8	1981	84 12 - ABAND 85 06
32	10.78	0.074	0.40	0.88	43	934	51	9 442	-573.1	1 245.8	1980	84 12 - ABAND 85 06

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
GUNN 055-03W5								
BANFF A	74.8	<0.02		1.3		1.3	1.3	
FIELD TOTAL *	74.8			1.3		1.3	1.3	
HAIRY HILL 055-14W4								
VIKING K	36.9	<0.01		0.1		0.1	0.1	
COLONY T	60.8	<0.01		0.1		0.1	0.1	
FIELD TOTAL	97.7			0.2		0.2	0.2	
HARO 103-06W6								
PEKISKO B	245.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL *	245.0			0.1		0.1	0.1	
HAYS 013-14W4								
GLAUCONITIC A	47.9	0.15		7.2		7.2	2.5	4.7
GLAUCONITIC B	561.0	<0.01		1.5		1.5	1.5	
GLAUCONITIC C	105.0	0.20		21.0		21.0	1.9	19.1
LOWER MANNVILLE A WATER FLOOD	3 604.0	0.16	0.34	577.0	1 225.0	1 802.0	1 744.1	57.9
LOWER MANNVILLE G	450.0	0.06		27.0		27.0	22.7	4.3
LOWER MANNVILLE I	49.6	0.18		8.9		8.9	7.3	1.6
LOWER MANNVILLE M WATER FLOOD	700.0	0.15	0.25	105.0	175.0	280.0	240.3	39.7
LOWER MANNVILLE O	1 802.0	0.10		180.0		180.0	166.5	13.5
LOWER MANNVILLE P	146.0	<0.13		18.0		18.0	18.0	
LOWER MANNVILLE Q	272.0	0.12		32.6		32.6	29.7	2.9
LOWER MANNVILLE S	108.0	<0.16		16.7		16.7	16.7	
LOWER MANNVILLE T	112.0	<0.02		1.2		1.2	1.2	
LOWER MANNVILLE U	214.0	<0.02		2.2		2.2	2.2	
LOWER MANNVILLE V	131.0	<0.01		0.8		0.8	0.8	
LOWER MANNVILLE W	89.4	0.22		19.7		19.7	17.4	2.3
LOWER MANNVILLE X	43.7	0.27		11.8		11.8	11.8	
SAWTOOTH A	211.0	0.35		73.9		73.9	63.9	10.0
SAWTOOTH B	1 981.0	0.60		1 189.0		1 189.0	979.0	210.0
SAWTOOTH C	1 524.0	0.40		610.0		610.0	565.5	44.5
SAWTOOTH D	876.0	0.20		175.0		175.0	160.7	14.3
SAWTOOTH F	500.0	0.40		200.0		200.0	186.1	13.9
SAWTOOTH G	125.0	<0.07		7.7		7.7	7.7	
SAWTOOTH I	136.0	<0.01		0.2		0.2	0.2	
SAWTOOTH K	50.3	<0.02		0.8		0.8	0.8	
SAWTOOTH M	60.5	<0.01		0.1		0.1	0.1	
SAWTOOTH N	48.1	0.30		14.4		14.4	5.7	8.7
SAWTOOTH O	109.0	<0.01		0.5		0.5	0.5	
SAWTOOTH P	184.0	0.25		46.0		46.0	11.1	34.9
SAWTOOTH Q	94.1	0.07		6.6		6.6	0.6	6.0
ARCS D	17.0	<0.01		0.1		0.1	0.1	
ARCS F	384.0	0.10		38.4		38.4	21.6	16.8
ARCS L	413.0	<0.01		1.2		1.2	1.2	
ARCS N	217.0	0.05		10.9		10.9	1.4	9.5
ARCS O	56.7	<0.05		2.8		2.8	2.8	
ARCS P	199.0	0.05		10.0		10.0	3.4	6.6
ARCS B & H	308.0	0.30		92.4		92.4	58.8	33.6
ARCS A.C & E	2 522.0	0.10		252.0		252.0	154.5	97.5
ARCS W & X	119.0	0.05		6.0		6.0	0.8	5.2
ARCS M & V	509.0	0.10		50.9		50.9	22.7	28.2
FIELD TOTAL *	19 079.3			3 819.5	1 400.0	5 219.5	4 533.8	685.7
HAYTER 041-01W4								
COLONY A	111.0	<0.01		0.1		0.1	0.1	
COLONY B	282.0	0.07		19.7		19.7	15.6	4.1
COLONY C	43.9	<0.14		6.1		6.1	6.1	
MCLAREN A	122.0	<0.01		0.1		0.1	0.1	
MCLAREN C	97.7	0.10		9.8		9.8	2.5	7.3
SPARKY A TOTAL	3 986.0			298.0	132.0	430.0	398.5	31.5
PRIMARY AREA	906.0	0.09		81.5		81.5		
WATER FLOOD AREA	3 080.0	0.07	0.04	216.0	132.0	348.0		
SPARKY B	262.0	0.04		10.5		10.5	8.5	2.0
SPARKY C	162.0	<0.02		1.8		1.8	1.8	
SPARKY G	63.0	<0.07		3.9		3.9	3.9	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
32	3.50	0.100	0.25	0.89	46	933	43	10 285	-603.4	1 350.0	1978	93 10 - ABAND 93 03
32	1.60	0.160	0.50	0.90	41	904	22	4 591	137.6	486.0	1976	85 07
16	2.00	0.300	0.36	0.99	10	952	20	3 746	92.4	541.0	1982	83 02
16	13.10	0.160	0.23	0.95	50	915	27	3 051	28.0	630.7	1980	92 11 - ABAND 90 01
16	2.00	0.210	0.25	0.95	22	960	26	8 267	-157.1	932.5	1992	93 01 - GPP
32	9.73	0.260	0.23	0.90	42	953	30	10 612	-164.1	957.3	1984	94 03 - GPP
16	3.00	0.280	0.19	0.96	18	886	34	9 468	-157.4	956.5	1994	94 11 - GPP
386	4.94	0.280	0.25	0.90	38	865	31	10 456	-166.0	951.2	1964	92 12 - GPP
96	3.41	0.220	0.29	0.88	21	887	30	11 005	-164.5	963.2	1978	97 02 - GPP
32	1.00	0.220	0.20	0.88	37	865	28	12 313	-158.0	946.0	1980	97 12 - GPP
127	3.16	0.229	0.19	0.94	37	873	31	11 839	-167.1	955.6	1984	91 04 - GPP
128	7.64	0.260	0.23	0.92	35	890	31	11 886	-173.6	945.5	1983	94 12 - GPP
16	4.80	0.280	0.26	0.92	35	860	31	11 956	-181.6	946.2	1987	96 07 - GPP
32	3.80	0.280	0.15	0.94	37	873	31	10 781	-160.0	949.4	1986	96 08 - GPP
32	2.35	0.220	0.29	0.92	35	863	31	10 693	-180.4	944.6	1989	96 07 - GPP
16	6.50	0.220	0.47	0.92	35	863	31	10 968	-222.3	968.3	1989	96 07
32	5.70	0.220	0.42	0.92	35	863	31	11 039	-204.7	955.1	1985	94 07 - ABAND 93 09
16	5.30	0.240	0.30	0.92	35	863	31	11 927	-178.7	959.4	1990	96 07 - GPP
32	2.50	0.170	0.27	0.90	38	865	31	10 800	-162.3	953.5	1989	97 12 - GPP
16	1.22	0.280	0.15	0.94	37	873	31	10 687	-157.1	943.5	1965	93 10 - ABAND 94 08
97	2.00	0.220	0.48	0.95	20	876	30	10 815	-167.9	973.2	1985	97 12 - GPP
540	2.86	0.250	0.43	0.90	40	904	38	11 019	-174.2	974.6	1967	97 12 - GPP
390	2.68	0.270	0.40	0.90	21	898	38	10 898	-174.6	958.2	1967	92 12 - GPP
160	3.68	0.260	0.35	0.88	60	887	32	11 007	-177.5	952.9	1969	88 12 - GPP
143	2.04	0.270	0.31	0.92	37	893	58	10 782	-172.2	951.9	1983	91 12 - GPP
32	2.00	0.290	0.25	0.90	37	894	34	10 736	-177.3	972.0	1987	96 07 - GPP
64	2.80	0.250	0.65	0.87	53	876	28	11 017	-183.2	936.6	1988	92 06 - ABAND 91 10
16	1.90	0.260	0.33	0.95	18	860	33	9 722	-180.1	981.0	1988	96 07 - GPP
32	1.70	0.260	0.55	0.95	18	931	33	10 432	-177.0	957.3	1990	95 07 - ABAND 95 05
16	2.40	0.240	0.42	0.90	37	893	30	8 565	-172.1	975.2	1993	93 07 - GPP
16	5.50	0.230	0.42	0.93	29	964	33	9 716	-179.9	979.8	1994	96 07 - GPP
32	3.50	0.270	0.36	0.95	15	906	34	9 703	-173.3	969.3	1994	95 05 - GPP
16	3.10	0.270	0.26	0.95	15	906	34	10 767	-170.5	964.4	1994	96 08 - GPP
16	2.70	0.073	0.38	0.87	52	862	35	12 566	-583.2	1 360.4	1987	91 12 - ABAND 94 06
110	3.80	0.140	0.27	0.90	40	898	36	11 933	-555.2	1 349.0	1987	97 09 - GPP
64	7.40	0.110	0.11	0.89	49	883	35	12 725	-545.5	1 347.7	1989	92 03 - ABAND 91 05
64	4.00	0.130	0.25	0.87	52	862	35	12 881	-538.7	1 331.3	1989	90 06 - GPP
16	4.20	0.120	0.21	0.89	49	883	35	12 945	-538.7	1 330.5	1989	96 07 - GPP
64	3.40	0.138	0.19	0.82	74	895	33	12 572	-553.2	1 352.7	1985	89 12 - GPP
32	11.13	0.120	0.19	0.89	49	849	35	12 217	-546.1	1 323.3	1987	97 12 - GPP
273	11.36	0.120	0.23	0.88	43	868	46	12 660	-548.0	1 333.2	1987	95 12 - GPP
16	6.80	0.160	0.23	0.89	49	883	35		-542.5	1 325.6	1987	97 07 - GPP
43	10.43	0.150	0.15	0.89	49	883	35	11 878	-556.8	1 340.4	1989	97 08 - GPP
16	5.20	0.250	0.45	0.97	14	951	26	4 528	14.3	618.0	1980	80 10 - ABAND 87 07
64	2.82	0.260	0.38	0.97	11	972	28	4 932	-4.7	682.7	1983	93 12 - GPP
16	2.00	0.280	0.50	0.98	8	950	24	4 567	-1.7	651.0	1982	96 07 - GPP
16	4.50	0.260	0.32	0.96	13	985	31	4 954	-7.1	685.7	1989	92 10
16	2.70	0.310	0.24	0.96	13	985	31	5 089	-7.7	680.4	1992	94 04 - GPP
1 321					13	910	29	5 342	-37.8	792.6	1968	97 09
241	2.13	0.280	0.35	0.97								
1 080	1.37	0.290	0.26	0.97								- GPP
65	2.13	0.280	0.30	0.97	15	915	27	5 882	-39.9	739.4	1971	93 11 - GPP
64	1.54	0.260	0.35	0.97	12	921	37	5 335	-37.0	776.0	1971	96 03 - ABAND 95 12
16	2.50	0.280	0.42	0.97	12	919	32	5 250	-33.9	687.0	1979	96 07 - GPP

TABLE 2-6

FIELD POOL	1	2	3	4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
HAYTER 041-01W4 (CONTINUED)								
SPARKY H	36.2	<0.01		0.2		0.2	0.2	
SPARKY I	89.3	<0.02		1.2		1.2	1.2	
SPARKY K	34.6	0.04		1.4		1.4	1.4	
SPARKY L	115.0	0.10		11.5		11.5	8.5	3.0
SPARKY M	99.1	<0.03		2.7		2.7	2.7	
SPARKY N	115.0	<0.01		0.2		0.2	0.2	
SPARKY O	62.5	<0.01		0.2		0.2	0.2	
SPARKY P	38.4	<0.02		0.5		0.5	0.5	
SPARKY R	29.4	0.01		0.3		0.3	0.3	
SPARKY S	74.6	<0.02		0.9		0.9	0.9	
SPARKY T	102.0	0.10		10.2		10.2	6.5	3.7
SPARKY V	82.6	0.10		8.3		8.3	1.6	6.7
SPARKY W	184.0	0.05		9.2		9.2	7.8	1.4
SPARKY X	27.4	<0.03		0.8		0.8	0.8	
SPARKY Y	20.9	<0.01		0.1		0.1	0.1	
SPARKY Z	79.2	0.20		15.8		15.8	3.2	12.6
SPARKY D & E	1 216.0	0.13		158.0		158.0	128.7	29.3
GENERAL PETROLEUM A	218.0	0.10		21.8		21.8	10.0	11.8
GENERAL PETROLEUM B	101.0	0.10		10.1		10.1	0.8	9.3
CUMMINGS A	57.0	<0.02		1.1		1.1	1.1	
CUMMINGS B	295.0	0.10		29.5		29.5	24.6	4.9
CUMMINGS D	75.8	<0.01		0.7		0.7	0.7	
CUMMINGS E	110.0	<0.02		1.3		1.3	1.3	
CUMMINGS F	33.7	0.10		3.4		3.4	2.5	0.9
CUMMINGS G	105.0	0.10		10.5		10.5	2.3	8.2
CUMMINGS H	90.6	0.10		9.1		9.1	2.7	6.4
CUMMINGS I	271.0	0.10		27.1		27.1	6.8	20.3
CUMMINGS J	65.4	0.10		6.5		6.5	2.6	3.9
CUMMINGS K	106.0	0.05		5.3		5.3	0.1	5.2
DINA A TOTAL	12 280.0			1 601.0	2 939.0	4 540.0	3 693.4	846.6
PRIMARY AREA	4 937.0	0.25		1 234.0		1 234.0		
WATER FLOOD AREA	7 347.0	0.05	0.40	367.0	2 939.0	3 306.0		
DINA B	45 450.0	0.10		4 545.0		4 545.0	3 238.0	1 307.0
DINA D	838.0	0.07		58.7		58.7	29.8	28.9
DINA H	252.0	0.02		5.0		5.0	4.5	0.5
DINA I	4 727.0	0.22		1 040.0		1 040.0	762.1	277.9
DINA L	158.0	<0.01		0.2		0.2	0.2	
DINA N	218.0	0.02		4.4		4.4	0.5	3.9
DINA O	252.0	0.10		25.2		25.2	22.1	3.1
DINA P	134.0	<0.01		0.5		0.5	0.5	
DINA Q	6 930.0	0.06		416.0		416.0	332.6	83.4
DINA R	39.9	<0.01		0.3		0.3	0.3	
DINA T	35.2	<0.01		0.1		0.1	0.1	
FIELD TOTAL	80 378.4			8 394.3	3 071.0	11 465.3	8 741.5	2 723.8
HEATHDALE 026-09W4								
GLAUCONITIC B	27.7	<0.08		2.2		2.2	2.2	
GLAUC J & LOWER MANNVILLE I GAS FLD	90.0	0.10	0.15	9.0	13.5	22.5	8.0	14.5
LOWER MANNVILLE B	74.0	0.03		2.2		2.2	0.2	2.0
LOWER MANNVILLE H	103.0	<0.03		2.3		2.3	2.3	
DETRITAL A	248.0	<0.01		0.1		0.1	0.1	
DETRITAL C	185.0	0.05		9.3		9.3	0.5	8.8
FIELD TOTAL	727.7			25.1	13.5	38.6	13.3	25.3
HECTOR 016-17W4								
UPPER MANNVILLE B	103.0	<0.03		2.6		2.6	2.6	
UPPER MANNVILLE D	282.0	0.05		14.1		14.1	3.9	10.2
LOWER MANNVILLE C	150.0	0.05		7.5		7.5	0.6	6.9
FIELD TOTAL	535.0			24.2		24.2	7.1	17.1
HORSEFLY LAKE 008-16W4								
MANNVILLE TOTAL	9 126.0			785.0	1 471.0	2 256.0	1 700.9	555.1
PRIMARY AREA	1 188.0	0.07		83.2		83.2		
WATER FLOOD AREA	7 938.0	<0.09	0.18	702.0	1 471.0	2 173.0		
MANNVILLE B	275.0	0.10		27.5		27.5	21.3	6.2
MANNVILLE C	13.6	<0.03		0.3		0.3	0.3	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
16	1.60	0.270	0.46	0.97	19	920	23	5 267	-42.7	717.6	1979	88 12 - ABAND 81 09
32	2.14	0.240	0.44	0.97	12	925	32	5 276	-36.4	709.9	1980	88 12 - ABAND 95 07
16	2.00	0.250	0.55	0.96	18	934	26	5 255	-34.0	762.3	1980	95 04 - ABAND 95 01
45	1.24	0.290	0.27	0.97	11	911	31	5 303	-33.5	735.0	1981	89 11 - GPP
16	3.50	0.240	0.24	0.97	11	939	28	5 143	-42.1	732.6	1979	96 07
32	2.40	0.280	0.45	0.97	12	920	27	5 586	-40.8	737.0	1972	88 12 - ABAND 91 06
16	2.30	0.250	0.30	0.97	12	920	26	5 570	-36.8	736.6	1983	83 11 - ABAND 90 11
16	1.50	0.300	0.45	0.97	11	925	28	5 171	-44.7	718.8	1983	88 12 - ABAND 92 09
16	1.50	0.230	0.45	0.97	11	920	26	5 876	-37.0	771.1	1983	88 12 - ABAND 92 06
32	1.68	0.270	0.47	0.97	10	920	27	5 356	-39.5	785.4	1985	91 10 - ABAND 91 07
32	1.80	0.290	0.37	0.97	13	893	27	5 690	-48.5	713.9	1988	96 06 - GPP
32	1.30	0.310	0.34	0.97	10	913	28	5 656	-44.8	722.5	1989	90 03 - GPP
64	1.80	0.270	0.39	0.97	13	892	27	5 300	-50.9	718.0	1989	90 03 - GPP
16	0.90	0.280	0.30	0.97	10	889	28	5 159	-46.0	730.6	1992	96 07 - GPP
16	1.00	0.240	0.44	0.97	10	914	28	5 099	-29.1	669.7	1993	96 07 - GPP
16	2.00	0.300	0.15	0.97	10	914	28	5 414	-45.9	790.5	1996	96 11
418	1.86	0.260	0.38	0.97	16	930	25	5 247	-40.5	741.2	1972	97 12 - GPP
85	1.24	0.300	0.29	0.97	13	892	27	5 487	-49.5	721.9	1989	91 10 - GPP
16	3.00	0.300	0.28	0.97	12	974	29	5 465	-47.1	743.5	1982	92 03 - GPP
16	2.50	0.210	0.30	0.97	10	911	33	4 808	-75.1	758.7	1981	82 04 - ABAND 90 10
109	1.81	0.240	0.35	0.96	17	904	29	5 435	-76.6	732.3	1981	89 12 - GPP
16	2.70	0.260	0.29	0.95	11	905	28	5 460	-79.6	828.7	1989	96 07
8	6.54	0.280	0.21	0.95	19	935	28	4 977	-90.6	737.9	1993	96 07 - GPP
4	4.80	0.280	0.34	0.95	19	935	28	5 462	-79.3	714.3	1993	94 02 - GPP
8	5.40	0.320	0.20	0.95	19	935	28	5 127	-75.8	698.3	1995	96 01 - GPP
8	5.30	0.300	0.25	0.95	19	935	28	5 127	-77.7	764.0	1995	96 01 - GPP
16	7.00	0.300	0.15	0.95	19	935	28	5 127	-76.5	725.2	1995	96 01 - GPP
8	3.40	0.310	0.20	0.97	9	935	28		-103.4	800.5	1996	97 06 - GPP
8	5.90	0.310	0.25	0.97	9	935	28		-104.4	786.3	1996	97 06 - GPP
707					13	921	24	5 270	-78.4	797.6	1954	97 12 - GPP
308	6.80	0.300	0.19	0.97								
399	8.01	0.300	0.21	0.97								
1 776	10.83	0.290	0.16	0.97	20	965	28	5 633	-99.7	796.8	1969	95 06 - GPP
104	3.74	0.300	0.26	0.97	9	938	34	5 216	-78.1	706.3	1979	94 09 - GPP
16	8.40	0.280	0.31	0.97	11	970	30	5 688	-84.1	771.6	1979	95 07 - GPP
225	7.94	0.310	0.12	0.97	11	960	27	5 435	-93.9	766.9	1984	97 12 - GPP
16	6.00	0.280	0.37	0.93	15	989	29	5 065	-95.5	858.3	1985	86 03 - ABAND 86 12
16	6.00	0.320	0.27	0.97	9	935	28	5 282	-89.3	781.0	1987	97 12 - GPP
16	8.79	0.280	0.34	0.97	9	935	28	5 426	-75.4	726.1	1987	89 12 - GPP
16	4.00	0.260	0.18	0.98	9	935	28	5 099	-104.7	752.5	1988	96 07 - GPP
337	8.50	0.290	0.14	0.97	9	935	28	5 353	-93.9	779.3	1978	94 12 - GPP
4	5.20	0.260	0.24	0.97	9	935	28	5 602	-96.2	775.4	1989	89 08 - ABAND 91 01
4	4.50	0.280	0.28	0.97	9	935	28	5 335	-91.9	761.8	1991	92 06 - ABAND 92 03
16	1.00	0.280	0.35	0.95	18	949	34	9 597	-213.2	1 028.0	1982	95 03 - ABAND 94 05
16	2.80	0.270	0.20	0.93	36	935	38		-228.6	1 004.8	1994	97 06 - GPP
16	4.20	0.220	0.45	0.91	36	939	35	8 568	-220.1	1 004.3	1987	97 01
16	4.15	0.250	0.32	0.91	36	939	35	8 287	-199.7	1 059.5	1954	96 12 - ABAND 62 06
16	10.00	0.250	0.32	0.91	36	940	35	8 646	-228.2	1 012.3	1988	89 05 - ABAND 89 07
16	9.20	0.260	0.47	0.91	36	940	35	8 583	-229.0	1 010.3	1994	96 07
16	9.16	0.150	0.47	0.88	52	913	33	12 176	-292.6	1 079.1	1982	96 07
128	2.10	0.190	0.38	0.89	53	890	30	11 715	-306.9	1 078.8	1988	94 09 - GPP
32	5.00	0.190	0.42	0.85	67	875	32	11 372	-324.4	1 100.9	1996	96 11 - GPP
2 019					16	887	33	10 097	-98.0	967.0	1963	97 07
500	2.50	0.175	0.44	0.97								
1 519	5.20	0.185	0.44	0.97								- GPP
131	1.80	0.190	0.36	0.96	23	900	40	10 085	-96.6	956.9	1980	96 02 - GPP
16	1.50	0.090	0.35	0.97	29	950	34	11 989	-105.9	950.3	1981	93 07 - ABAND 83 12

TABLE 2-6

	1	2	3	4	5	6	7	8
FIELD POOL	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
HORSEFLY LAKE 008-16W4 (CONTINUED)								
MANNVILLE E	295.0	0.15		44.3		44.3	34.6	9.7
MANNVILLE F	41.1	0.20		8.2		8.2	1.9	6.3
FIELD TOTAL	9 750.7			865.3	1 471.0	2 336.3	1 759.0	577.3
ISLAY 050-04W4								
CUMMINGS A	113.0	<0.01		0.1		0.1		0.1
FIELD TOTAL	113.0			0.1		0.1		0.1
JENNER 020-09W4								
UPPER MANNVILLE E TOTAL	5 380.0			555.0	755.0	1 310.0	1 065.4	244.6
PRIMARY AREA	348.0	0.15		52.2		52.2		
WATER FLOOD AREA	5 032.0	0.10	0.15	503.0	755.0	1 258.0		
UPPER MANNVILLE F	5 211.0	0.10		521.0		521.0	457.9	63.1
UPPER MANNVILLE M	1 768.0	0.15		265.0		265.0	104.0	161.0
UPPER MANNVILLE O TOTAL	7 970.0			829.0	1 101.0	1 930.0	1 471.0	459.0
PRIMARY AREA	633.0	0.15		95.0		95.0		
WATER FLOOD AREA	7 337.0	0.10	0.15	734.0	1 10[illegible].0	1 835.0		
UPPER MANNVILLE V	267.0	0.05		13.4		13.4	6.2	7.2
UPPER MANNVILLE X	249.0	0.15		37.4		37.4	29.1	8.3
UPPER MANNVILLE Z	125.0	<0.01		0.9		0.9	0.9	
UPPER MANNVILLE DD	263.0	0.15		39.5		39.5	28.8	10.7
UPPER MANNVILLE HH	320.0	0.10		32.0		32.0	13.9	18.1
UPPER MANNVILLE LL	781.0	0.22		172.0		172.0	156.5	15.5
UPPER MANNVILLE MM	390.0	0.35		137.0		137.0	101.0	36.0
UPPER MANNVILLE NN	42.2	<0.01		0.4		0.4	0.4	
UPPER MANNVILLE OO	4 197.0	0.10		420.0		420.0	251.0	169.0
UPPER MANNVILLE QQ	284.0	<0.01		2.8		2.8	2.8	
UPPER MANNVILLE WW	47.4	0.15		7.1		7.1	5.7	1.4
UPPER MANNVILLE XX	202.0	0.15		30.3		30.3	7.2	23.1
UPPER MANNVILLE YY	167.0	0.10		16.7		16.7	3.1	13.6
UPPER MANNVILLE DDD	364.0	0.30		109.0		109.0	85.9	23.1
UPPER MANNVILLE JJJ	777.0	0.35		272.0		272.0	78.9	193.1
UPPER MANNVILLE MMM	277.0	0.20		55.4		55.4	16.7	38.7
UPPER MANNVILLE OOO	156.0	0.10		15.6		15.6	6.5	9.1
UPPER MANNVILLE PPP	179.0	0.15		26.9		26.9	15.8	11.1
UPPER MANNVILLE QQQ	666.0	0.25		167.0		167.0	44.5	122.5
UPPER MANNVILLE SSS	14.0	0.10		1.4		1.4	0.4	1.0
UPPER MANNVILLE TTT	215.0	0.10		21.5		21.5	6.3	15.2
UPPER MANNVILLE VVV	579.0	0.30		174.0		174.0	109.1	64.9
UPPER MANNVILLE YYY	31.8	0.10		3.2		3.2	0.1	3.1
UPPER MANNVILLE ZZZ	110.0	0.10		11.0		11.0	0.2	10.8
UPPER MANNVILLE A2A	167.0	0.10		16.7		16.7	0.4	16.3
UPPER MANNVILLE E2E	290.0	0.20		58.0		58.0	23.7	34.3
LOWER MANNVILLE A	256.0	<0.01		0.7		0.7	0.7	
LOWER MANNVILLE C	60.3	0.02		1.2		1.2	1.2	
PEKISKO A	94.8	<0.07		6.1		6.1	6.1	
PEKISKO B	134.0	<0.01		0.3		0.3	0.3	
PEKISKO C	52.7	<0.03		1.1		1.1	1.1	
PEKISKO D	124.0	<0.01		0.2		0.2	0.2	
PEKISKO E	50.7	<0.01		0.1		0.1	0.1	
PEKISKO F	174.0	<0.02		3.0		3.0	3.0	
PEKISKO G	234.0	0.11		25.7		25.7	20.1	5.6
PEKISKO H	47.1	<0.03		1.4		1.4	1.4	
PEKISKO I	149.0	0.15		22.4		22.4	3.5	18.9
PEKISKO J	82.2	<0.03		1.7		1.7	1.7	
PEKISKO K	38.1	<0.01		0.1		0.1	0.1	
PEKISKO L	32.8	0.40		13.1		13.1	8.4	4.7
PEKISKO M	196.0	<0.01		0.7		0.7	0.7	
FIELD TOTAL	33 215.1			4 089.0	1 856.0	5 945.0	4 142.0	1 803.0
JOHNSON 016-14W4								
GLAUCONITIC B TOTAL	2 779.0			556.0	731.0	1 287.0	957.2	329.8
PRIMARY AREA	69.9	0.20		14.0		14.0		
WATER FLOOD AREA	2 709.0	0.20	0.27	542.0	731.0	1 273.0		
GLAUCONITIC C WATER FLOOD	943.0	0.15	0.10	141.0	94.3	235.0	214.8	20.2

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
50	6.90	0.170	0.47	0.95	15	945	36	10 004	-106.0	985.5	1992	97 11 - GPP
8	5.00	0.170	0.37	0.96	79	945	33	10 068	-95.0	969.1	1995	95 12 - GPP
16	3.50	0.300	0.30	0.96	17	978	26	6 662	-20.0	701.3	1980	82 03 - ABAND 83 05
1 344					37	927	33	10 797	-205.9	978.8	1963	94 11
143	1.93	0.230	0.41	0.93								
1 201	2.09	0.297	0.25	0.90								- GPP
342	9.20	0.260	0.30	0.91	29	952	33	10 358	-179.9	935.0	1965	93 12 - GPP
128	9.20	0.250	0.34	0.91	35	946	31	11 641	-334.7	1 086.6	1971	96 10 - GPP
670					37	952	33	10 500	-182.8	954.3	1952	97 12 - GPP
35	10.12	0.270	0.28	0.92								
635	6.90	0.260	0.30	0.92								
16	9.90	0.240	0.26	0.95	37	960	35	10 354	-199.2	937.7	1973	97 09 - GPP
24	7.30	0.230	0.35	0.95	38	941	24	10 267	-193.7	918.4	1984	96 12 - GPP
22	3.38	0.280	0.34	0.91	29	959	32	10 306	-187.0	961.9	1954	97 01 - GPP
32	5.06	0.270	0.34	0.91	29	952	33	10 371	-179.8	937.7	1965	96 12 - GPP
32	8.15	0.230	0.42	0.92	34	945	32	9 355	-190.6	954.7	1988	96 05 - GPP
80	6.70	0.240	0.34	0.92	34	945	32	9 233	-195.9	944.2	1990	92 10 - GPP
32	6.30	0.280	0.25	0.92	34	945	32	9 837	-189.3	930.7	1989	97 09 - GPP
16	1.50	0.300	0.37	0.93	29	955	32	9 997	-188.4	925.8	1989	91 02 - ABAND 91 11
323	6.60	0.290	0.27	0.93	29	955	31	9 641	-186.8	981.1	1994	96 05 - GPP
32	6.21	0.240	0.36	0.93	29	955	32	9 289	-192.0	940.8	1990	94 09 - ABAND 94 07
16	2.30	0.230	0.41	0.95	29	955	23	9 823	-189.5	950.9	1990	95 12 - GPP
16	7.60	0.270	0.33	0.92	34	922	32	10 521	-183.3	935.0	1991	91 07 - GPP
16	5.50	0.290	0.29	0.92	34	945	32	10 245	-180.1	970.0	1991	92 03 - GPP
64	3.07	0.280	0.28	0.92	37	954	33	10 363	-178.9	952.5	1990	95 12 - GPP
124	3.64	0.240	0.22	0.92	34	945	32	10 551	-204.8	960.1	1988	97 08 - GPP
16	10.30	0.240	0.24	0.92	34	945	32	9 292	-192.3	829.3	1994	97 09 - GPP
32	2.66	0.260	0.24	0.93	43	920	33	10 578	-202.4	974.4	1995	96 05 - GPP
16	7.40	0.270	0.39	0.92	34	945	32	10 268	-193.5	945.4	1995	96 01 - GPP
64	5.30	0.270	0.21	0.92	34	945	32	10 713	-269.9	1 022.3	1989	97 11 - GPP
16	0.70	0.270	0.49	0.91	34	952	36	9 974	-188.0	937.2	1989	96 07 - GPP
16	7.80	0.280	0.33	0.92	34	945	32	10 385	-195.8	827.1	1996	96 11 - GPP
89	4.51	0.260	0.39	0.91	34	945	32	10 702	-231.5	972.2	1993	97 01 - GPP
32	0.80	0.270	0.50	0.92	34	945	35		-192.7	928.6	1995	97 03 - GPP
16	4.40	0.290	0.42	0.93	37	960	32		-222.4	985.2	1993	97 12
16	6.00	0.270	0.30	0.92	34	945	32		-186.1	948.0	1996	97 05
32	5.57	0.250	0.30	0.93	34	974	30		-182.1	921.8	1996	97 07 - GPP
32	4.57	0.240	0.20	0.91	29	940	32	10 835	-222.2	979.0	1964	67 05 - GPP
16	3.00	0.230	0.40	0.91	42	944	32	10 658	-213.0	989.2	1981	88 12 - ABAND 84 11
64	3.29	0.100	0.50	0.90	81	946	33	10 983	-228.0	996.2	1963	73 02 - ABAND 72 02
8	23.77	0.112	0.30	0.90	81	946	41	10 592	-219.6	1 023.2	1966	92 11 - ABAND 69 02
16	6.10	0.120	0.50	0.90	81	946	34	10 578	-222.8	989.7	1966	96 07 - ABAND 97 02
16	4.27	0.300	0.35	0.93	29	972	32	10 803	-218.4	991.1	1971	92 11 - ABAND 77 02
32	5.50	0.080	0.60	0.90	41	943	33	10 791	-222.2	987.3	1980	82 12 - ABAND 93 11
32	10.80	0.100	0.43	0.88	50	950	27	10 906	-236.6	971.8	1986	92 10 - ABAND 92 08
32	14.40	0.090	0.42	0.97	8	941	39	10 934	-236.7	981.0	1991	96 08 - GPP
16	2.00	0.230	0.34	0.97	10	928	31	10 479	-241.8	981.0	1991	92 10 - ABAND 92 08
16	12.90	0.110	0.31	0.95	20	936	32	11 212	-234.6	981.3	1987	91 10 - GPP
32	5.88	0.100	0.54	0.95	19	935	33	10 741	-247.5	985.6	1991	92 11 - ABAND 92 08
16	5.70	0.110	0.60	0.95	21	929	30	10 574	-243.0	989.8	1991	92 12 - ABAND 92 09
16	6.85	0.070	0.55	0.95	19	893	32	10 672	-234.2	984.0	1991	97 12 - GPP
16	9.30	0.240	0.34	0.83	80	948	31	10 829	-232.3	980.7	1990	96 07 - GPP
347					50	891	30	10 953	-254.7	1 030.1	1982	97 04
20	2.58	0.220	0.30	0.88								
327	4.65	0.250	0.19	0.88								- GPP
120	4.77	0.234	0.20	0.88	50	888	31	11 149	-249.6	1 021.5	1983	95 04 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
JOHNSON 016-14W4 (CONTINUED)								
GLAUCONITIC E WATER FLOOD	180.0	0.20	0.27	36.0	48.6	84.6	59.6	25.0
GLAUCONITIC G	32.0	0.15		4.8		4.8	4.6	0.2
GLAUCONITIC H WATER FLOOD	1 460.0	0.15	0.20	219.0	292.0	511.0	419.4	91.6
GLAUCONITIC I WATER FLOOD	340.0	0.15	0.20	51.0	68.0	119.0	99.8	19.2
GLAUCONITIC J WATER FLOOD	266.0	0.20	0.20	53.2	53.2	106.0	84.4	21.6
FIELD TOTAL *	6 000.0			1 061.0	1 287.1	2 347.4	1 839.8	507.6
KEHO 011-22W4								
BANFF A	46.8	<0.02		0.8		0.8	0.8	
FIELD TOTAL *	46.8			0.8		0.8	0.8	
KILLAM 043-10W4								
COLONY F	140.0	<0.03		3.9		3.9	3.9	
LOWER MANNVILLE A	58.1	<0.02		0.7		0.7	0.7	
ELLERSLIE CC	268.0	<0.07		17.7		17.7	17.7	
FIELD TOTAL *	466.1			22.3		22.3	22.3	
KILLAM NORTH 044-13W4								
UPPER MANNVILLE PP	72.6	0.10		7.3		7.3	0.6	6.7
FIELD TOTAL	72.6			7.3		7.3	0.6	6.7
KIRKWALL 027-05W4								
COLONY A	110.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL	110.0			0.1		0.1	0.1	
LANFINE 025-05W4								
BANFF A	12.2	<0.02		0.2		0.2	0.2	
FIELD TOTAL	12.2			0.2		0.2	0.2	
LATHOM 020-17W4								
UPPER MANNVILLE A TOTAL	4 516.0			693.0	1 766.0	2 459.0	2 323.6	135.4
PRIMARY AREA	312.0	0.20		62.4		62.4		
WATER FLOOD AREA	4 204.0	0.15	0.42	631.0	1 766.0	2 397.0		
UPPER MANNVILLE C WATER FLOOD	1 105.0	0.11	0.34	122.0	376.0	498.0	409.8	88.2
UPPER MANNVILLE E	87.8	<0.01		0.4		0.4	0.4	
UPPER MANNVILLE G	57.4	<0.03		1.4		1.4	1.4	
UPPER MANNVILLE H	46.9	<0.01		0.1		0.1		0.1
UPPER MANNVILLE I	185.0	0.05		9.3		9.3	8.1	1.2
UPPER MANNVILLE J	60.1	<0.02		1.1		1.1	1.1	
UPPER MANNVILLE L	54.3	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE M	361.0	0.10		36.1		36.1	27.3	8.8
UPPER MANNVILLE N WATER FLOOD	172.0	0.15	0.30	25.8	51.6	77.4	24.5	52.9
UPPER MANNVILLE O	46.5	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE A	266.0	<0.07		16.9		16.9	16.9	
LOWER MANNVILLE B	71.5	<0.02		0.9		0.9	0.9	
LOWER MANNVILLE C	127.0	<0.01		0.9		0.9	0.9	
LOWER MANNVILLE D	39.9	0.10		4.0		4.0	2.3	1.7
FIELD TOTAL *	7 196.4			912.2	2 193.6	3 105.8	2 817.5	288.3
LEAMAN 057-09W5								
PEKISKO A	97.8	<0.06		5.6		5.6	5.6	
PEKISKO B	33.2	<0.01		0.1		0.1	0.1	
PEKISKO C	31.3	<0.01		0.1		0.1	0.1	
FIELD TOTAL *	162.3			5.8		5.8	5.8	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP oC	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
64	2.24	0.210	0.32	0.88	53	893	31	10 830	-256.7	1 035.3	1983	97 04 - GPP
16	1.71	0.190	0.30	0.88	56	879	32	9 736	-251.4	1 025.1	1991	93 12 - GPP
98	8.05	0.260	0.20	0.89	53	882	30	11 123	-251.9	1 020.3	1992	94 02 - GPP
27	6.64	0.260	0.18	0.89	53	877	30	10 962	-250.5	1 024.3	1992	94 12 - GPP
25	6.47	0.240	0.23	0.89	53	877	30	10 634	-251.6	1 025.7	1993	95 02 - GPP
16	7.20	0.055	0.23	0.96	10	964	51	21 124	-745.7	1 720.3	1980	81 06 - ABAND 84 10
16	4.20	0.330	0.24	0.83	209	908	26	5 330	-21.0	702.1	1979	94 11 - ABAND 93 10
16	1.93	0.260	0.23	0.94	24	954	36	6 567	-162.2	873.0	1978	85 12 - ABAND 81 07
64	2.50	0.240	0.25	0.93	21	908	34	6 503	-249.2	953.5	1984	96 07 - GPP
64	0.60	0.300	0.30	0.90	35	916	34	6 150	-180.1	859.6	1978	95 11 - GPP
16	7.00	0.220	0.54	0.97	9	956	35	7 618	-86.9	888.2	1980	83 05 - ABAND 86 12
8	6.00	0.050	0.42	0.88	37	982	38	9 559	-203.1	957.8	1987	91 12 - ABAND 92 11
490					66	876	35	10 401	-374.1	1 169.0	1968	94 12 - GPP
64	3.26	0.220	0.20	0.85								
426	6.31	0.230	0.20	0.85								
191	5.04	0.200	0.34	0.87	62	887	45	10 786	-356.1	1 138.0	1970	96 01 - GPP
65	1.22	0.210	0.38	0.85	51	849	40	10 294	-376.2	1 183.6	1973	94 11 - ABAND 96 07
16	2.70	0.220	0.29	0.85	62	875	37	10 326	-378.0	1 179.4	1990	96 07
16	2.00	0.230	0.25	0.85	66	869	32	10 082	-383.0	1 218.6	1980	96 12 - ABAND 96 07
64	3.90	0.120	0.29	0.87	56	869	36	10 261	-356.4	1 176.7	1987	90 07 - GPP
64	1.00	0.180	0.40	0.87	56	869	37	10 006	-371.5	1 197.5	1983	96 12 - ABAND 96 07
16	4.30	0.160	0.42	0.85	62	875	37	10 187	-371.2	1 182.9	1990	94 12 - ABAND 93 05
64	3.40	0.260	0.25	0.85	62	875	37	9 192	-379.2	1 181.7	1990	92 04 - GPP
54	3.63	0.180	0.44	0.87	56	868	37	11 407	-362.3	1 154.5	1990	94 12 - GPP
16	3.80	0.160	0.45	0.87	56	868	37	8 782	-299.9	1 087.6	1990	96 07 - ABAND 93 05
128	1.64	0.200	0.28	0.88	41	876	31	10 947	-391.5	1 181.2	1973	96 07 - GPP
32	3.05	0.160	0.48	0.88	41	876	35	11 052	-391.3	1 209.4	1973	79 01 - ABAND 94 02
16	9.00	0.210	0.50	0.84	76	901	37	11 110	-424.7	1 250.7	1983	92 11 - ABAND 88 03
16	2.40	0.200	0.41	0.88	48	870	38	10 936	-390.1	1 193.4	1990	91 11 - GPP
64	3.10	0.100	0.42	0.85	50	916	71	12 562	-862.5	1 688.5	1978	79 08 - ABAND 85 07
16	6.40	0.080	0.55	0.90	37	963	61	12 511	-867.7	1 650.8	1981	83 10 - ABAND 85 07
16	6.60	0.070	0.53	0.90	37	963	61	12 219	-835.1	1 615.2	1981	83 10 - ABAND 85 06

TABLE 2-6

	1	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7	8
FIELD POOL	INITIAL VOLUME IN PLACE 10^3m^3	PRIMARY frac	ENHANCED frac	PRIMARY 10^3m^3	ENHANCED 10^3m^3	TOTAL 10^3m^3	CUMULATIVE PRODUCTION 10^3m^3	REMAINING ESTABLISHED RESERVES 10^3m^3
LECKIE 019-17W4								
UPPER MANNVILLE B	1 487.0	0.10	0.10	149.0	149.0	298.0	130.5	167.5
WATER FLOOD								
UPPER MANNVILLE C	219.0	0.08		17.5		17.5	15.9	1.6
LOWER MANNVILLE A	193.0	<0.01		1.2		1.2	1.2	
FIELD TOTAL	1 899.0			167.7	149.0	316.7	147.6	169.1
LITTLE BOW 015-19W4								
BOW ISL G,UP MANN BB & LOWER MANNVILLE T	494.0	0.18		88.9		88.9	75.2	13.7
UPPER MANNVILLE D	1 531.0			61.2	140.0	201.0	158.0	43.0
TOTAL								
PRIMARY AREA	260.0	0.04		10.4		10.4		
WATER FLOOD AREA	1 271.0	0.04	0.11	50.8	140.0	191.0		
UPPER MANNVILLE F	192.0	0.10		19.2		19.2	4.9	14.3
UPPER MANNVILLE G	2 028.0			203.0	270.0	473.0	293.2	179.8
TOTAL								
PRIMARY AREA	229.0	0.10		22.9		22.9		
WATER FLOOD AREA	1 799.0	0.10	0.15	180.0	270.0	450.0		
UPPER MANNVILLE H	74.6	<0.01		0.4		0.4	0.4	
UPPER MANNVILLE I	3 691.0			369.0	770.0	1 139.0	852.3	286.7
TOTAL								
PRIMARY AREA	610.0	0.10		61.0		61.0		
WATER FLOOD AREA	3 081.0	0.10	0.25	308.0	770.0	1 078.0		
UPPER MANNVILLE J	210.0	0.05		10.5		10.5	6.2	4.3
UPPER MANNVILLE M	147.0	<0.06		8.5		8.5	8.5	
UPPER MANNVILLE N	21.2	<0.05		0.9		0.9	0.9	
UPPER MANNVILLE O	146.0	<0.02		2.5		2.5	2.5	
UPPER MANNVILLE P	1 302.0	0.15		195.0		195.0	92.8	102.2
UPPER MANNVILLE Q	50.4	<0.05		2.1		2.1	2.1	
UPPER MANNVILLE R	45.3	<0.04		1.7		1.7	1.7	
UPPER MANNVILLE S	2 399.0	0.10		240.0		240.0	176.1	63.9
UPPER MANNVILLE T	1 200.0	0.10	0.13	120.0	156.0	276.0	242.4	33.6
WATER FLOOD								
UPPER MANNVILLE U	1 701.0	0.10	0.18	170.0	306.0	476.0	425.3	50.7
WATER FLOOD								
UPPER MANNVILLE V	50.1	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE W	1 882.0			192.0	271.0	463.0	348.9	114.1
TOTAL								
PRIMARY AREA	73.5	0.15		11.0		11.0		
WATER FLOOD AREA	1 808.0	0.10	0.15	181.0	271.0	452.0		
UPPER MANNVILLE CC	44.9	<0.01		0.3		0.3	0.3	
UPPER MANNVILLE II	1 223.0	0.10		122.0		122.0	105.2	16.8
UPPER MANNVILLE JJ	25.9	<0.02		0.4		0.4	0.4	
UPPER MANNVILLE MM	800.0	0.10	0.13	80.0	104.0	184.0	169.0	15.0
WATER FLOOD								
UPPER MANNVILLE OO	25.3	0.32		8.1		8.1	6.1	2.0
UPPER MANNVILLE TT	381.0	0.04		15.2		15.2	6.9	8.3
UPPER MANNVILLE UU	56.0	0.10		5.6		5.6	3.6	2.0
UPPER MANNVILLE WW	11.1	<0.02		0.2		0.2	0.2	
UPPER MANNVILLE YY	137.0	0.30		41.1		41.1	6.2	34.9
UPPER MANNVILLE ZZ	33.9	0.30		10.2		10.2	0.3	9.9
UMNV L & LMNV MM	1 422.0			99.5	50.0	150.0	126.9	23.1
TOTAL								
PRIMARY AREA	422.0	0.07		29.5		29.5		
WATER FLOOD AREA	1 000.0	0.07	0.05	70.0	50.0	120.0		
UPPER MANNVILLE AAA	409.0	0.05		20.5		20.5	1.3	19.2
LOWER MANNVILLE A	134.0	<0.05		6.6		6.6	6.6	
LOWER MANNVILLE E	234.0	<0.01		0.3		0.3	0.3	
LOWER MANNVILLE H	86.0	<0.01		0.4		0.4	0.4	
LOWER MANNVILLE L	47.7	<0.04		1.9		1.9	1.9	
LOWER MANNVILLE M	20.2	<0.09		1.8		1.8	1.8	
LOWER MANNVILLE N	27.4	<0.02		0.4		0.4	0.4	
LOWER MANNVILLE P	40.2	0.20		8.0		8.0	2.1	5.9
LOWER MANNVILLE U	57.5	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE V	28.4	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE FF	39.9	<0.02		0.5		0.5	0.5	
LOWER MANNVILLE GG	50.9	0.25		12.7		12.7	7.4	5.3
LOWER MANNVILLE KK & LL	31.7	0.02		0.6		0.6	0.1	0.5
LIVINGSTONE A	91.7	<0.01		0.1		0.1	0.1	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m^3/m^3	kg/m^3	°C	kPa	m MSL	m KB		
349	2.91	0.230	0.26	0.86	64	887	34	10 988	-336.5	1 135.9	1967	96 06 - GPP
202	0.80	0.206	0.26	0.89	58	900	40	10 691	-348.4	1 170.8	1987	91 12 - GPP
32	5.18	0.190	0.32	0.90	33	887	44	10 974	-373.4	1 174.7	1967	68 10 - ABAND 69 10
96	4.27	0.200	0.33	0.90	54	934	33	12 224	-320.5	1 141.4	1975	97 12 - GPP
502					66	904	56	12 406	-340.4	1 186.2	1967	95 01
144	1.56	0.190	0.30	0.87								
358	3.07	0.190	0.30	0.87								- GPP
64	3.96	0.140	0.40	0.90	44	952	37	12 344	-308.0	1 127.0	1968	69 03 - GPP
272					44	946	37	12 219	-315.7	1 134.2	1970	93 02
32	4.90	0.270	0.40	0.90								
240	4.31	0.230	0.16	0.90								- GPP
65	1.22	0.190	0.45	0.90	43	921	38	13 507	-306.5	1 116.7	1970	74 12 - ABAND 89 10
254					44	927	33	12 424	-307.5	1 113.1	1974	95 07
42	7.05	0.260	0.12	0.90								
212	10.48	0.230	0.33	0.90								- GPP
130	1.68	0.160	0.33	0.90	44	927	34	11 278	-298.7	1 106.5	1974	97 04
64	2.10	0.180	0.30	0.87	57	887	36	12 271	-354.4	1 220.9	1977	96 01 - ABAND 95 10
16	1.20	0.170	0.28	0.90	44	928	35	12 331	-348.8	1 154.4	1978	79 04 - ABAND 90 03
32	3.00	0.220	0.23	0.90	55	915	32	11 294	-303.0	1 095.5	1979	92 10
96	9.01	0.220	0.24	0.90	47	864	32	10 998	-327.2	1 130.8	1979	97 09 - GPP
32	2.50	0.100	0.30	0.90	68	912	36	12 252	-330.5	1 159.8	1979	94 12 - ABAND 93 05
32	1.73	0.130	0.30	0.90	58	922	33	11 922	-336.8	1 162.8	1979	80 07 - ABAND 89 02
305	5.16	0.220	0.23	0.90	47	937	33	12 002	-281.7	1 076.8	1978	96 09 - GPP
85	9.20	0.240	0.29	0.90	44	927	33	12 410	-317.8	1 118.4	1975	97 12 - GPP
140	6.90	0.230	0.13	0.88	49	947	31	11 361	-312.6	1 128.7	1982	97 12 - GPP
16	3.60	0.190	0.48	0.88	56	928	34	11 341	-278.8	1 074.5	1982	83 03 - ABAND 85 10
183					49	947	32	11 940	-317.2	1 129.3	1983	96 11
32	1.74	0.190	0.21	0.88								
151	8.10	0.210	0.20	0.88								- GPP
16	2.00	0.240	0.35	0.90	47	946	32	11 985	-336.1	1 169.3	1982	84 02 - ABAND 86 10
300	3.13	0.200	0.26	0.88	57	898	34	12 822	-341.7	1 194.8	1987	88 07 - GPP
16	1.50	0.200	0.40	0.90	47	947	32	10 011	-300.2	1 109.4	1967	93 10 - ABAND 93 05
219	2.36	0.220	0.20	0.88	56	928	34	11 914	-297.0	1 115.7	1972	95 05 - GPP
32	1.00	0.160	0.45	0.90	47	946	32	12 598	-336.0	1 202.4	1990	97 12 - GPP
43	5.00	0.240	0.16	0.88	53	947	35	10 580	-309.6	1 127.5	1992	96 08 - GPP
32	1.80	0.180	0.40	0.90	63	889	37	11 221	-336.8	1 198.1	1990	93 06 - GPP
16	1.10	0.140	0.50	0.90	47	946	32	12 269	-332.3	1 199.5	1994	96 07 - ABAND 95 03
16	6.30	0.220	0.30	0.88	54	923	38	9 919	-319.0	1 132.3	1995	96 09
16	1.50	0.220	0.27	0.88	54	923	38	9 756	-330.1	1 143.7	1996	96 09
240					44	927	32	11 865	-301.8	1 126.4	1974	97 05
128	2.19	0.220	0.24	0.90								
112	6.10	0.220	0.26	0.90								- GPP
96	3.43	0.210	0.35	0.91	38	895	37		-330.2	1 163.9	1989	97 04
32	5.40	0.160	0.48	0.93	37	951	30	12 282	-329.2	1 140.0	1967	93 10 - ABAND 93 05
65	2.13	0.250	0.25	0.90	43	934	41	12 529	-368.7	1 215.7	1973	77 03 - ABAND 96 10
32	2.70	0.170	0.35	0.90	44	940	38	12 501	-351.9	1 193.8	1976	79 12
16	3.00	0.170	0.35	0.90	35	950	35	12 787	-350.5	1 181.0	1979	88 12 - ABAND 83 11
16	1.00	0.200	0.30	0.90	85	970	31	12 157	-350.1	1 205.8	1979	96 07 - GPP
32	0.80	0.170	0.30	0.90	46	952	33	12 629	-352.1	1 165.4	1978	88 12
16	2.78	0.170	0.41	0.90	46	951	31	12 296	-325.0	1 136.2	1979	93 07 - GPP
16	3.80	0.185	0.45	0.93	37	952	30	12 322	-376.2	1 219.5	1981	83 08 - ABAND 96 08
16	2.30	0.140	0.40	0.92	37	951	30	12 450	-354.2	1 175.8	1982	84 02 - ABAND 92 10
16	2.00	0.190	0.27	0.90	43	916	29	12 667	-345.0	1 171.4	1982	96 07 - GPP
32	1.80	0.190	0.50	0.93	37	929	30	12 259	-320.3	1 138.1	1973	95 12 - GPP
32	0.90	0.180	0.32	0.90	25	966	35		-352.3	1 194.9	1995	97 04 - GPP
64	4.00	0.070	0.45	0.93	21	985	42	12 993	-383.1	1 212.3	1982	83 01 - ABAND 85 05

TABLE 2-6

FIELD POOL	1	2	3	4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
LITTLE BOW 015-19W4 (CONTINUED)								
FIELD TOTAL	22 623.3			2 121.8	2 067.0	4 189.1	3 139.9	1 049.2
LLOYDMINSTER 050-01W4								
COLONY D	188.0	0.05		9.4		9.4	8.7	0.7
COLONY E	68.8	<0.05		3.1		3.1	3.1	
COLONY F	300.0	0.04		12.0		12.0	9.0	3.0
COLONY G	113.0	<0.05		5.7		5.7	5.7	
COLONY H	48.0	<0.03		1.1		1.1	1.1	
COLONY I	32.0	<0.01		0.1		0.1	0.1	
COLONY J	53.2	<0.08		4.2		4.2	4.2	
COLONY K	40.9	0.05		2.1		2.1	1.2	0.9
COLONY N	61.6	<0.02		1.0		1.0	1.0	
COLONY O	45.7	0.05		2.3		2.3	1.7	0.6
COLONY T	307.0	<0.01		0.6		0.6	0.6	
COLONY V	93.0	0.07		6.5		6.5	4.4	2.1
COLONY Z	122.0	<0.01		1.1		1.1	1.1	
MCLAREN A	1 605.0	0.10		161.0		161.0	53.0	108.0
MCLAREN D	231.0	0.03		6.9		6.9	4.3	2.6
MCLAREN E	99.1	0.03		3.0		3.0	1.1	1.9
MCLAREN K	230.0	0.05		11.5		11.5	3.5	8.0
MCLAREN L	164.0	0.05		8.2		8.2	0.5	7.7
WASECA A	141.0	<0.01		0.5		0.5	0.5	
SPARKY F	8 040.0	0.04		321.0		321.0	308.3	12.7
SPARKY G	19 500.0	0.06		1 170.0		1 170.0	1 007.3	162.7
SPARKY H	1 800.0	0.07		126.0		126.0	89.5	36.5
SPARKY K	24 460.0	0.10		2 446.0		2 446.0	1 819.7	626.3
SPARKY L	793.0	<0.02		13.9		13.9	13.9	
SPARKY M	267.0	0.05		13.4		13.4	5.7	7.7
SPARKY N	27.8	<0.03		0.8		0.8	0.8	
SPARKY O	334.0	<0.01		0.9		0.9	0.9	
SPARKY P	163.0	<0.07		10.4		10.4	10.4	
SPARKY S	365.0	0.07		25.6		25.6	25.0	0.6
SPARKY T	183.0	<0.04		5.6		5.6	5.6	
SPARKY U	181.0	<0.02		3.0		3.0	3.0	
SPARKY X	860.0	<0.03		21.1		21.1	21.1	
SPARKY EE	549.0	0.04		22.0		22.0	18.1	3.9
SPARKY FF	204.0	<0.01		1.0		1.0	1.0	
SPARKY JJ	87.8	0.10		8.8		8.8	1.8	7.0
SPARKY KK	1 612.0	0.05		80.6		80.6	75.3	5.3
SPARKY OO	355.0	<0.01		0.2		0.2	0.2	
SPARKY RR	124.0	<0.02		1.3		1.3	1.3	
SPARKY UU	105.0	<0.01		0.1		0.1	0.1	
SPARKY WW	263.0	<0.01		0.1		0.1	0.1	
SPARKY YY	89.1	<0.01		0.2		0.2	0.2	
SPARKY C & GENERAL PETROLEUM A	24 350.0	0.07		1 705.0		1 705.0	1 582.1	122.9
SPARKY & GENERAL PETROLEUM C&D TOT	78 250.0			3 236.0	314.0	3 550.0	3 193.0	357.0
PRIMARY AREA	67 770.0	0.04		2 711.0		2 711.0		
WATER FLOOD AREA	10 480.0	<0.06	0.03	525.0	314.0	839.0		
SPARKY E & GENERAL PETROLEUM F	6 933.0	<0.07		445.0		445.0	369.8	75.2
SPARKY D & GENERAL PETROLEUM B	3 613.0	0.03		108.0		108.0	92.8	15.2
SPARKY I & GENERAL PETROLEUM K	10 300.0	<0.05		416.0		416.0	389.5	26.5
SPARKY VV & GENERAL PETROLEUM I	6 494.0	0.04		260.0		260.0	56.8	203.2
SPARKY TT & GENERAL PETROLEUM AA	681.0	0.04		27.2		27.2	13.5	13.7
SPARKY Q. GEN PET J & BB	17 170.0	<0.05		800.0		800.0	726.1	73.9
SPARKY AAA	130.0	<0.10		12.7		12.7	12.7	
SPARKY BBB	359.0	0.03		10.8		10.8	7.0	3.8
SPARKY EEE	126.0	<0.01		0.1		0.1		0.1
SPARKY FFF	216.0	<0.01		0.9		0.9	0.9	
SPARKY GGG	177.0	0.10		17.7		17.7	7.7	10.0
SPARKY HHH	71.0	<0.01		0.2		0.2	0.2	
SPARKY III	149.0	0.08		11.9		11.9	10.3	1.6
SPARKY JJJ	228.0	0.05		11.4		11.4	8.2	3.2
SPARKY KKK	137.0	0.05		6.9		6.9	1.3	5.6

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
32	3.26	0.280	0.35	0.99	8	983	25	2 819	133.7	515.0	1977	88 12 - GPP
16	2.40	0.290	0.37	0.98	10	961	28	3 036	111.2	539.5	1977	96 07 - GPP
38	2.77	0.320	0.10	0.99	11	975	28	2 903	125.1	548.5	1977	97 09 - GPP
16	3.70	0.320	0.40	0.99	9	962	24	2 864	129.4	543.9	1978	93 12 - ABAND 93 03
8	2.10	0.320	0.10	0.99	10	962	28	2 904	125.2	540.6	1975	79 12 - ABAND 84 10
8	2.10	0.320	0.40	0.99	10	980	28	2 900	125.3	541.9	1977	84 12 - ABAND 90 10
16	2.00	0.280	0.40	0.99	10	981	28	3 066	108.1	542.7	1982	96 07 - GPP
4	4.30	0.320	0.25	0.99	10	970	22	3 573	119.0	591.7	1979	84 04 - GPP
8	4.90	0.270	0.40	0.97	12	988	25	2 928	122.6	545.8	1980	88 12 - ABAND 88 09
4	5.50	0.300	0.30	0.99	10	985	28	3 557	120.7	573.0	1983	84 08 - GPP
16	7.30	0.320	0.17	0.99	12	977	25	3 092	139.3	495.6	1985	86 05 - ABAND 86 11
16	2.50	0.320	0.25	0.97	13	949	26	3 777	95.4	565.0	1984	96 12 - GPP
16	3.69	0.300	0.29	0.97	15	946	11	3 782	94.8	595.9	1977	78 02 - ABAND 92 09
300	2.60	0.300	0.30	0.98	12	965	24	4 039	109.7	553.7	1983	97 09 - GPP
16	7.00	0.310	0.32	0.98	7	945	30	3 904	95.4	568.5	1985	85 05 - GPP
16	3.60	0.270	0.35	0.98	7	982	25	3 961	123.7	545.6	1975	94 10
32	3.46	0.310	0.31	0.97	10	975	22		118.1	548.3	1994	97 05
8	9.33	0.310	0.27	0.97	10	975	22		107.6	592.5	1994	97 05 - GPP
16	3.70	0.300	0.20	0.99	9	983	27	4 143	117.0	531.7	1982	94 12 - ABAND 84 12
712	3.96	0.320	0.10	0.99	10	959	22	4 196	78.9	589.2	1947	77 12 - GPP
1 631	5.44	0.300	0.26	0.99	10	959	22	4 184	70.7	600.9	1963	94 12 - GPP
232	2.72	0.320	0.10	0.99	10	959	22	3 946	95.9	546.7	1961	97 12 - GPP
2 872	3.70	0.310	0.25	0.99	10	959	22	3 853	84.8	577.1	1947	96 12 - GPP
93	2.99	0.320	0.10	0.99	10	959	22	4 043	84.8	579.0	1946	86 07 - ABAND 87 06
32	2.93	0.320	0.10	0.99	10	959	22	4 240	74.9	597.3	1945	85 06 - GPP
16	0.61	0.320	0.10	0.99	10	959	22	4 253	73.5	598.6	1944	71 06 - ABAND 54 10
32	3.66	0.320	0.10	0.99	10	959	22	4 835	79.2	582.8	1939	71 06 - ABAND 56 06
16	3.78	0.320	0.15	0.99	15	980	22	4 247	74.2	589.4	1964	96 07 - GPP
32	4.00	0.320	0.10	0.99	10	959	22	4 276	71.1	599.4	1965	94 10 - GPP
32	2.01	0.320	0.10	0.99	10	959	22	4 797	83.3	574.3	1952	71 06 - ABAND 65 10
16	3.96	0.320	0.10	0.99	10	959	22	4 874	73.1	577.3	1948	71 06 - ABAND 55 01
64	5.85	0.290	0.20	0.99	6	959	22	4 883	74.1	580.2	1974	96 12 - GPP
80	3.04	0.300	0.24	0.99	10	986	22	3 512	74.9	569.1	1977	91 12 - GPP
16	5.30	0.300	0.19	0.99	12	979	21	3 554	70.7	573.6	1977	96 07 - GPP
16	2.10	0.330	0.20	0.99	11	979	22	4 004	68.8	590.6	1977	96 01 - GPP
187	3.72	0.300	0.22	0.99	12	977	24	3 803	89.7	564.4	1978	86 11 - GPP
16	8.50	0.310	0.15	0.99	9	959	23	3 856	74.8	616.3	1978	79 02
16	3.30	0.300	0.21	0.99	9	972	23	4 151	74.8	572.9	1978	84 12 - ABAND 91 10
16	2.90	0.300	0.24	0.99	9	979	27	4 960	77.3	627.1	1978	84 12 - ABAND 86 09
16	6.10	0.320	0.14	0.98	10	961	24	3 322	94.2	548.6	1978	82 12 - ABAND 85 10
16	3.00	0.280	0.33	0.99	9	982	25	3 874	103.6	528.5	1980	83 12 - ABAND 86 06
2 162	3.95	0.320	0.10	0.99	10	959	22	4 158	73.1	591.8	1948	94 12 - GPP
7 634					10	959	22	4 228	76.2	599.7	1943	96 09 - GPP
6 890	3.45	0.320	0.10	0.99								
744	4.94	0.320	0.10	0.99								
513	4.74	0.320	0.10	0.99	10	959	22	4 075	80.7	565.2	1951	79 06 - GPP
320	3.96	0.320	0.10	0.99	10	959	22	4 098	79.8	574.9	1952	75 07 - GPP
862	4.19	0.320	0.10	0.99	10	959	22	3 147	78.7	587.1	1943	79 07 - GPP
656	3.84	0.310	0.16	0.99	10	980	22	3 403	68.8	595.7	1944	97 12 - GPP
100	3.25	0.300	0.28	0.97	10	975	22	2 742	84.2	571.1	1978	97 10 - GPP
1 160	5.25	0.320	0.11	0.99	10	959	22	3 561	69.9	581.4	1944	94 08 - GPP
16	4.10	0.290	0.31	0.99	9	986	25	4 897	72.6	605.9	1980	96 07 - GPP
48	3.16	0.310	0.23	0.99	10	958	28	4 032	85.4	561.8	1980	91 03 - GPP
16	3.80	0.280	0.25	0.99	9	985	27	4 021	67.0	594.6	1981	82 08 - ABAND 83 05
32	3.10	0.290	0.24	0.99	9	988	27	4 153	73.8	614.3	1981	94 10 - ABAND 93 12
16	4.50	0.310	0.20	0.99	9	959	28	4 164	72.2	603.3	1982	97 12 - GPP
16	2.30	0.300	0.35	0.99	9	971	23	4 874	74.0	595.4	1982	83 01 - ABAND 93 11
32	2.40	0.280	0.30	0.99	10	962	22	4 131	90.8	555.2	1982	89 12 - GPP
16	7.00	0.300	0.30	0.97	10	975	22	4 135	71.9	599.7	1982	96 12 - GPP
8	7.77	0.320	0.29	0.97	10	975	26	4 218	75.0	624.8	1979	93 05 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 INITIAL ESTABLISHED RESERVES ENHANCED 10^3m^3	6 INITIAL ESTABLISHED RESERVES TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
LLOYDMINSTER 050-01W4 (CONTINUED)								
SPARKY LLL	84.1	<0.05		3.6		3.6	3.6	
SPARKY MMM	60.9	<0.02		1.0		1.0	1.0	
SPARKY NNN	32.9	0.01		0.3		0.3	0.3	
SPARKY OOO	297.0	0.07		20.8		20.8	16.6	4.2
SPARKY PPP	49.4	<0.01		0.1		0.1	0.1	
SPARKY QQQ	71.4	<0.02		1.0		1.0	1.0	
SPARKY SSS	166.0	0.06		10.0		10.0	6.8	3.2
SPARKY TTT	150.0	0.03		4.5		4.5	3.1	1.4
SPARKY UUU	155.0	0.05		7.8		7.8	4.1	3.7
SPARKY WWW	73.2	<0.02		1.4		1.4	1.4	
SPARKY YYY	149.0	<0.01		0.1		0.1	0.1	
SPARKY ZZZ	1 740.0	0.05		87.0		87.0	49.3	37.7
SPARKY A2A	236.0	0.05		11.8		11.8	11.1	0.7
SPARKY B2B	175.0	<0.04		6.3		6.3	6.3	
SPARKY C2C	94.7	<0.06		4.9		4.9	4.9	
SPARKY D2D	218.0	0.05		10.9		10.9	3.0	7.9
SPARKY E2E	570.0	0.07		39.9		39.9	28.1	11.8
SPARKY F2F	97.2	0.20		19.4		19.4	16.2	3.2
SPARKY G2G	274.0	<0.03		6.4		6.4	6.4	
SPARKY I2I	104.0	<0.01		0.2		0.2	0.2	
SPARKY J2J	90.2	<0.01		0.1		0.1	0.1	
SPARKY E3E	103.0	<0.02		1.8		1.8	1.8	
SPARKY K3K	166.0	0.05		8.3		8.3	0.9	7.4
SPARKY B & REX B	12 430.0	<0.08		900.0		900.0	740.0	160.0
GENERAL PETROLEUM E	184.0	<0.01		0.1		0.1	0.1	
GENERAL PETROLEUM L	46.9	<0.01		0.1		0.1	0.1	
GENERAL PETROLEUM M	1 663.0	0.07		116.0		116.0	80.4	35.6
GENERAL PETROLEUM N	1 346.0	0.05		67.3		67.3	55.2	12.1
GENERAL PETROLEUM O	55.6	<0.01		0.1		0.1	0.1	
GENERAL PETROLEUM Q	149.0	<0.01		0.7		0.7	0.7	
GENERAL PETROLEUM R	223.0	0.05		11.2		11.2	7.0	4.2
GENERAL PETROLEUM S	83.2	<0.04		2.9		2.9	2.9	
GENERAL PETROLEUM T	106.0	<0.01		0.1		0.1	0.1	
GENERAL PETROLEUM V	175.0	<0.01		0.1		0.1	0.1	
GENERAL PETROLEUM W	136.0	<0.01		0.7		0.7	0.7	
GENERAL PETROLEUM X	715.0	0.02		14.3		14.3	8.0	6.3
GENERAL PETROLEUM Y	54.7	0.04		2.2		2.2	0.1	2.1
GENERAL PETROLEUM Z	131.0	<0.01		0.1		0.1	0.1	
GENERAL PETROLEUM MM	595.0	<0.01		1.6		1.6	1.6	
REX A	706.0	<0.01		6.9		6.9	6.9	
REX D	255.0	0.05		12.8		12.8	1.7	11.1
LLOYDMINSTER A	176.0	0.07		12.3		12.3	7.5	4.8
LLOYDMINSTER B	98.0	<0.03		2.3		2.3	2.3	
LLOYDMINSTER D	165.0	<0.01		0.4		0.4	0.4	
LLOYDMINSTER E	170.0	<0.01		0.1		0.1	0.1	
LLOYDMINSTER F	175.0	<0.03		4.3		4.3	4.3	
LLOYDMINSTER G	179.0	<0.01		0.1		0.1	0.1	
LLOYDMINSTER I	89.6	<0.01		0.5		0.5	0.5	
LLOYDMINSTER K	271.0	<0.01		2.3		2.3	2.3	
LLOYDMINSTER M	2 150.0	0.05		108.0		108.0	59.3	48.7
LLOYDMINSTER N	250.0	<0.01		1.6		1.6	1.6	
CUMMINGS A	1 639.0	0.04		65.6		65.6	52.6	13.0
CUMMINGS C	66.1	<0.01		0.5		0.5	0.5	
CUMMINGS D	238.0	<0.01		2.2		2.2	2.2	
CUMMINGS E	58.7	<0.01		0.1		0.1	0.1	
CUMMINGS F	169.0	<0.01		0.5		0.5	0.5	
CUMMINGS H	163.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL	243 958.8			13 167.8	314.0	13 481.8	11 192.6	2 289.2
MAJEAU 056-04W5								
LOWER MANNVILLE A	39.6	<0.01		0.3		0.3	0.3	
LOWER MANNVILLE B	62.5	<0.03		1.4		1.4	1.4	
LOWER MANNVILLE D	64.7	0.12		7.8		7.8	7.1	0.7
BANFF B	59.3	<0.03		1.7		1.7	1.7	
BANFF C	36.6	<0.02		0.6		0.6	0.6	
BANFF I	102.0	<0.01		0.5		0.5	0.5	
WABAMUN B	106.0	<0.01		0.4		0.4	0.4	
FIELD TOTAL	470.7			12.7		12.7	12.0	0.7

HEAVY CRUDE OIL POOLS

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
12	3.19	0.300	0.26	0.99	10	975	54	4 167	71.7	573.1	1978	96 12 - ABAND 93 10
4	7.00	0.330	0.32	0.97	10	975	22	4 246	74.3	618.0	1979	83 09 - ABAND 84 09
16	1.00	0.300	0.30	0.98	8	981	22	4 387	71.3	622.3	1983	80 03 - ABAND 84 05
32	3.50	0.330	0.18	0.98	8	941	23	4 115	88.7	556.4	1983	95 12 - GPP
16	1.50	0.300	0.30	0.98	8	981	22	4 266	72.7	625.9	1983	83 11 - ABAND 90 11
16	2.30	0.280	0.30	0.99	10	990	25	4 199	69.7	599.8	1983	92 11 - ABAND 92 08
16	5.00	0.300	0.30	0.99	9	980	27	4 143	69.0	592.3	1984	97 12 - GPP
16	4.50	0.300	0.30	0.99	10	990	22	4 012	87.7	564.8	1984	97 09 - GPP
16	4.50	0.310	0.30	0.99	10	990	22	3 392	89.7	565.9	1984	85 07 - GPP
16	2.00	0.330	0.30	0.99	10	985	25	3 982	113.2	490.8	1979	89 12 - ABAND 94 08
16	4.00	0.300	0.20	0.97	10	970	27	4 186	71.6	592.0	1984	89 12
160	5.67	0.260	0.24	0.97	12	980	26	4 003	68.6	596.1	1974	86 06 - GPP
16	6.20	0.300	0.20	0.99	9	957	41	3 885	101.2	557.5	1979	80 03 - GPP
16	4.82	0.300	0.23	0.98	12	980	24	4 309	115.5	503.3	1985	96 07 - GPP
16	3.39	0.200	0.10	0.97	9	995	24	4 052	106.8	511.0	1965	91 12 - ABAND 90 11
16	5.00	0.320	0.14	0.99	10	985	30	3 850	105.5	548.0	1984	89 12 - GPP
32	7.28	0.320	0.22	0.98	10	979	23	3 350	91.2	544.4	1985	97 12 - GPP
16	2.13	0.320	0.10	0.99	7	959	23	4 147	96.0	513.9	1965	93 12 - GPP
16	7.00	0.330	0.25	0.99	10	986	22	4 832	104.3	549.5	1980	92 10
16	3.35	0.280	0.30	0.99	10	930	30	3 810	79.7	601.5	1974	96 07 - ABAND 95 12
16	2.70	0.300	0.29	0.98	8	981	22	3 848	75.4	605.2	1980	88 10 - ABAND 88 08
16	3.00	0.310	0.30	0.99	10	930	30	3 978	71.5	616.8	1983	96 12 - ABAND 87 06
16	4.60	0.310	0.25	0.97	10	975	22		80.3	577.8	1996	97 05 - GPP
747	6.18	0.320	0.15	0.99	10	959	27	3 817	83.3	583.9	1956	97 12 - GPP
16	4.27	0.320	0.15	0.99	12	959	21	3 679	89.8	576.5	1974	88 12 - ABAND 75 09
8	2.74	0.270	0.20	0.99	9	979	27	3 992	65.1	588.1	1977	78 05 - ABAND 78 09
294	2.38	0.300	0.20	0.99	8	984	27	4 115	77.9	567.8	1977	97 12 - GPP
210	2.84	0.300	0.24	0.99	9	983	27	4 108	77.1	578.8	1977	88 12 - GPP
8	4.00	0.270	0.35	0.99	9	972	27	4 039	60.4	615.0	1979	79 10 - ABAND 80 05
4	12.70	0.330	0.10	0.99	10	970	27	4 181	60.7	607.7	1981	92 11 - ABAND 87 04
16	5.00	0.320	0.12	0.99	9	974	25	4 131	79.7	567.5	1981	82 08 - GPP
16	2.50	0.280	0.25	0.99	10	988	25	3 974	67.1	641.8	1982	89 12 - ABAND 92 06
16	3.00	0.280	0.20	0.99	9	959	22	3 926	58.5	615.2	1983	88 12 - ABAND 84 06
16	4.50	0.310	0.20	0.98	6	970	30	3 767	84.4	555.3	1984	85 07 - ABAND 85 06
16	3.50	0.310	0.21	0.99	24	930	26	4 802	74.6	571.3	1985	85 11 - ABAND 89 03
64	4.35	0.320	0.19	0.99	14	980	26	3 886	82.5	562.9	1985	96 08 - GPP
16	1.20	0.320	0.10	0.99	10	959	22	4 004	66.4	589.2	1956	90 07 - GPP
16	3.20	0.310	0.16	0.98	8	981	22	3 992	65.7	622.8	1988	95 10 - ABAND 95 07
16	14.80	0.320	0.19	0.97	10	975	22		58.7	610.8	1994	97 12 - ABAND 97 07
16	20.00	0.300	0.25	0.98	10	965	25	4 267	61.0	600.8	1952	96 07 - GPP
16	6.70	0.300	0.19	0.98	8	999	28	3 975	66.3	592.3	1994	97 11 - GPP
16	4.88	0.285	0.20	0.99	8	979	27	3 590	33.5	610.2	1973	97 12 - GPP
8	5.70	0.310	0.30	0.99	10	959	22	3 577	32.1	606.9	1974	92 12 - GPP
16	4.20	0.310	0.20	0.99	9	973	27	4 311	30.5	605.7	1977	83 12 - ABAND 94 03
16	4.20	0.320	0.20	0.99	11	990	25	4 320	30.2	607.8	1977	83 12 - ABAND 85 10
16	4.60	0.300	0.20	0.99	8	974	27	4 297	31.5	605.5	1974	96 07 - GPP
16	7.62	0.270	0.45	0.99	10	990	27	4 994	25.3	654.4	1978	79 04
16	2.50	0.290	0.22	0.99	22	975	25	4 330	32.1	610.0	1983	89 12
16	6.70	0.290	0.12	0.99	22	978	25	4 108	35.7	602.7	1983	96 07 - GPP
108	7.72	0.310	0.16	0.99	10	983	27	4 311	29.7	688.4	1977	85 06 - GPP
16	5.49	0.320	0.10	0.99	10	965	22	5 078	31.1	659.6	1965	75 12 - ABAND 69 11
128	5.60	0.300	0.23	0.99	10	972	30	4 432	11.5	632.0	1977	96 12 - GPP
16	2.10	0.280	0.29	0.99	9	980	29	5 620	-3.5	727.5	1978	79 06 - GPP
16	6.30	0.280	0.15	0.99	9	988	29	3 953	11.3	655.2	1982	97 12 - GPP
16	1.90	0.270	0.27	0.98	9	980	29	4 941	-6.7	697.8	1983	83 11 - ABAND 84 05
16	4.50	0.300	0.21	0.99	90	973	29	3 923	14.4	647.8	1979	88 12 - ABAND 93 10
16	4.20	0.310	0.21	0.99	9	972	29	4 755	13.0	635.2	1987	87 11 - ABAND 87 10
32	1.40	0.170	0.35	0.80	145	920	32	9 822	-535.5	1 223.1	1981	84 12 - ABAND 85 07
16	5.00	0.140	0.38	0.90	70	921	58	9 740	-541.8	1 245.0	1980	88 12 - ABAND 94 05
32	2.50	0.150	0.35	0.83	66	934	49	9 506	-548.9	1 249.6	1979	91 12 - GPP
16	4.27	0.160	0.39	0.89	43	898	44	10 569	-597.1	1 322.5	1974	92 12 - ABAND 92 12
64	1.30	0.100	0.45	0.80	87	903	32	10 652	-541.0	1 210.3	1982	83 02 - ABAND 86 02
16	7.20	0.140	0.30	0.90	43	961	43	13 320	-563.6	1 234.1	1985	92 10 - ABAND 92 08
32	8.50	0.090	0.51	0.88	51	889	47	10 562	-674.6	1 388.3	1983	87 03 - ABAND 91 02

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 INITIAL ESTABLISHED RESERVES ENHANCED 10^3m^3	6 INITIAL ESTABLISHED RESERVES TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
MANNVILLE 051-09W4								
UPPER MANNVILLE A	661.0	0.05		33.1		33.1	27.3	5.8
UPPER MANNVILLE B	405.0	<0.01		0.2		0.2	0.2	
UPPER MANNVILLE M	422.0	<0.01		1.3		1.3	1.3	
UPPER MANNVILLE I2I	267.0	0.05		13.4		13.4	1.1	12.3
LOWER MANNVILLE D	151.0	<0.01		0.2		0.2	0.2	
FIELD TOTAL	1 906.0			48.2		48.2	30.1	18.1
MARWAYNE 052-01W4								
SPARKY B	5 156.0	0.02		103.0		103.0	0.4	102.6
SPARKY C	91.1	0.05		4.6		4.6	2.5	2.1
SPARKY D	1 614.0	0.05		80.7		80.7	14.4	66.3
SPARKY F & GENERAL PETROLEUM B	151.0	0.05		7.6		7.6	5.5	2.1
GENERAL PETROLEUM A	780.0	0.05		39.0		39.0	2.1	36.9
FIELD TOTAL	7 792.1			234.9		234.9	24.9	210.0
MATZIWIN 023-14W4								
PEKISKO A	569.0	0.21		119.0		119.0	117.3	1.7
PEKISKO B	166.0	<0.02		2.3		2.3	2.3	
BANFF A	57.0	<0.01		0.5		0.5	0.5	
FIELD TOTAL *	792.0			121.8		121.8	120.1	1.7
MEDICINE HAT 012-05W4								
GLAUCONITIC C	30 920.0	0.10		3 092.0		3 092.0	1 580.8	1 511.2
GLAUCONITIC G	2 350.0	0.05		118.0		118.0	28.2	89.8
GLAUCONITIC H	1 552.0	0.10		155.0		155.0	18.1	136.9
LOWER MANNVILLE A	130.0	0.15		19.5		19.5	18.2	1.3
LOWER MANNVILLE C	127.0	0.15		19.1		19.1	15.1	4.0
LOWER MANNVILLE I	144.0	<0.05		6.5		6.5	6.5	
LOWER MANNVILLE K	70.3	<0.03		2.0		2.0	2.0	
FIELD TOTAL	35 293.3			3 412.1		3 412.1	1 668.9	1 743.2
MEDICINE RIVER 039-03W5								
ELKTON-SHUNDA B	1 352.0	0.10		135.0		135.0	118.6	16.4
FIELD TOTAL *	1 352.0			135.0		135.0	118.6	16.4
MONTAG 085-06W6								
MONTNEY A	92.7	0.10		9.3		9.3		9.3
FIELD TOTAL	92.7			9.3		9.3		9.3
MOONEY 072-07W5								
BLUESKY A	1 074.0	0.05		53.7		53.7	30.4	23.3
FIELD TOTAL *	1 074.0			53.7		53.7	30.4	23.3
MORGAN 051-04W4								
SPARKY B	109.0	<0.01		0.2		0.2	0.2	
SPARKY A,LLOYD A & REX A	93 250.0	0.05		4 663.0		4 663.0	2 749.5	1 913.5
LLOYDMINSTER D	465.0	<0.01		1.6		1.6	1.6	
DINA A	159.0	<0.01		0.2		0.2	0.2	
FIELD TOTAL	93 983.0			4 665.0		4 665.0	2 751.5	1 913.5
NORRIS 053-18W4								
UPPER MANNVILLE H	588.0	0.10		58.8		58.8	52.0	6.8
FIELD TOTAL *	588.0			58.8		58.8	52.0	6.8
OYEN 029-05W4								
BANFF A	14.3	<0.02		0.2		0.2	0.2	
FIELD TOTAL	14.3			0.2		0.2	0.2	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
64	4.88	0.300	0.28	0.98	10	972	33	5 136	-2.1	627.4	1971	96 12 - GPP
65	2.74	0.310	0.25	0.98	10	979	33	5 171	0.5	619.5	1971	72 12 - ABAND 72 05
65	3.05	0.310	0.30	0.98	10	979	21	3 541	39.7	586.7	1974	78 01
32	4.10	0.300	0.30	0.97	10	975	22		43.7	577.6	1982	97 09 - GPP
16	3.90	0.320	0.23	0.98	6	990	30	5 602	-59.3	719.0	1981	82 04 - ABAND 85 08
682	2.91	0.320	0.18	0.99	8	985	25	4 145	120.3	522.8	1978	97 08 - GPP
16	2.00	0.330	0.12	0.98	8	981	22	2 689	127.3	472.0	1994	95 08 - GPP
260	2.40	0.330	0.20	0.98	8	981	22	3 000	116.5	513.5	1995	97 09 - GPP
16	4.04	0.330	0.27	0.97	10	975	22			479.0	1996	97 11 - GPP
32	9.40	0.330	0.19	0.97	10	975	22		109.3	489.5	1996	97 11 - GPP
287	5.52	0.070	0.43	0.90	53	915	35	9 980	-319.0	1 020.9	1962	94 12 - GPP
32	6.25	0.132	0.30	0.90	53	892	35	9 960	-301.5	1 008.6	1960	67 02 - ABAND 71 11
16	3.00	0.220	0.35	0.83	52	920	37	10 130	-325.4	1 064.5	1993	96 07 - GPP
2 576	8.66	0.220	0.30	0.90	45	960	26	10 175	-109.8	825.9	1981	97 03 - GPP
294	5.10	0.250	0.34	0.95	15	984	30	10 308	-158.7	911.0	1995	97 07 - GPP
188	5.70	0.250	0.39	0.95	28	965	24	10 452	-158.3	902.2	1996	97 02 - GPP
40	2.55	0.230	0.43	0.97	9	960	31	10 072	-113.4	886.8	1978	90 12 - GPP
64	2.10	0.210	0.50	0.90	44	958	27	10 139	-113.6	888.2	1979	93 12 - GPP
64	2.75	0.150	0.40	0.91	37	945	30	10 293	-101.9	918.7	1976	96 07 - ABAND 97 09
16	2.44	0.230	0.14	0.91	35	979	32	10 611	-129.9	1 032.7	1977	96 07 - ABAND 94 09
620	5.77	0.080	0.37	0.75	59	940	70	17 877	-1 317.0	2 291.1	1973	94 12 - GPP
32	2.50	0.180	0.30	0.92	35	919	37			1 003.3	1996	97 06
144	4.62	0.247	0.24	0.86	2	953	20	5 797	-100.2	915.5	1986	94 12 - GPP
16	3.30	0.280	0.25	0.98	8	981	22	3 315	95.3	527.3	1983	96 07 - GPP
4 600	8.64	0.300	0.21	0.99	7	990	21	3 673	54.9	564.6	1962	97 07 - GPP
16	10.80	0.320	0.15	0.99	12	990	25	3 775	47.4	564.0	1984	96 07 - GPP
16	4.50	0.300	0.25	0.98	10	980	25	4 144	8.2	595.1	1983	84 03 - ABAND 84 07
144	3.15	0.230	0.36	0.88	30	918	35	5 779	-179.8	857.8	1979	93 01 - GPP
16	1.00	0.180	0.45	0.90	42	969	32	7 840	-111.3	902.5	1989	96 07

TABLE 2-6

FIELD POOL	1	2	3	4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
PADDLE RIVER 057-08W5								
NORDEGG D	408.0	0.10		40.8		40.8	9.1	31.7
JURASSIC-DETRITAL & RUNDLE	83.9	0.15		12.6		12.6	9.6	3.0
RUNDLE	6 040.0	<0.04		203.6		203.6	203.6	
FIELD TOTAL *	6 531.9			257.0		257.0	222.3	34.7
PARADISE 047-02W4								
CUMMINGS A	100.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL	100.0			0.1		0.1	0.1	
PENDANT D'OREILLE 003-08W4								
MANNVILLE D	106.0	<0.02		1.2		1.2	1.2	
FIELD TOTAL *	106.0			1.2		1.2	1.2	
PLAIN 053-12W4								
COLONY E	247.0	0.03		7.4		7.4	4.2	3.2
FIELD TOTAL	247.0			7.4		7.4	4.2	3.2
PRINCESS 020-11W4								
GLAUCONITIC A	128.0	<0.01		0.1		0.1	0.1	
BASAL MANNVILLE A	3 058.0	0.10		306.0		306.0	183.0	123.0
BASAL MANNVILLE I	471.0	0.15		70.7		70.7	31.3	39.4
BASAL MANNVILLE M	578.0	0.10		57.8		57.8	5.7	52.1
BASAL MANNVILLE O	170.0	0.05		8.5		8.5	1.9	6.6
BASAL MANNVILLE Q	192.0	<0.02		2.8		2.8	2.8	
BASAL MANNVILLE R	248.0	<0.01		1.3		1.3	1.3	
BASAL MANNVILLE U	137.0	<0.01		0.2		0.2	0.2	
BASAL MANNVILLE V	182.0	0.10		18.2		18.2	13.1	5.1
BASAL MANNVILLE W	80.2	<0.06		4.7		4.7	4.7	
BASAL MANNVILLE X	122.0	<0.01		0.3		0.3	0.3	
BASAL MANNVILLE AA	161.0	<0.01		0.5		0.5	0.5	
BASAL MANNVILLE DD	62.1	<0.07		3.8		3.8	3.8	
BASAL MANNVILLE EE	144.0	0.15		21.6		21.6	3.5	18.1
BASAL MANNVILLE FF	108.0	0.10		10.8		10.8	3.8	7.0
BASAL MANNVILLE GG	108.0	0.15		16.2		16.2	5.1	11.1
PEKISKO A	1 712.0	0.20		342.0		342.0	265.9	76.1
PEKISKO C	55.1	<0.01		0.3		0.3	0.3	
PEKISKO F	65.5	<0.02		0.8		0.8	0.8	
PEKISKO G	187.0	<0.01		1.1		1.1	1.1	
PEKISKO H	28.3	<0.04		0.9		0.9	0.9	
PEKISKO I	71.8	<0.01		0.6		0.6	0.6	
PEKISKO J	150.0	<0.02		1.9		1.9	1.9	
PEKISKO K	131.0	<0.12		14.7		14.7	14.7	
PEKISKO L	140.0	0.05		7.0		7.0	3.5	3.5
JEFFERSON A	531.0	0.10		53.1		53.1	53.1	
FIELD TOTAL	9 021.0			945.9		945.9	603.9	342.0
PROVOST 036-07W4								
MANNVILLE V	127.0	0.01		1.3		1.3	0.3	1.0
UPPER MANNVILLE A	13 710.0	0.05		686.0		686.0	239.2	446.8
UPPER MANNVILLE B	21 220.0	0.08		1 698.0		1 698.0	1 364.5	333.5
UPPER MANNVILLE C	1 000.0	0.07		70.0		70.0	69.4	0.6
UPPER MANNVILLE E	133.0	0.10		13.3		13.3	12.1	1.2
UPPER MANNVILLE M	250.0	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE U	39.1	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE BB	22 270.0	0.15		3 341.0		3 341.0	1 406.1	1 934.9
UPPER MANNVILLE JJ	1 477.0	0.10		148.0		148.0	7.8	140.2
UPPER MANNVILLE KK	112.0	<0.01		0.1		0.1		0.1
UPPER MANNVILLE LL	44.7	<0.01		0.4		0.4	0.4	
UPPER MANNVILLE VV	135.0	0.15		20.3		20.3	8.8	11.5
UPPER MANNVILLE XX	53.9	<0.06		3.0		3.0	3.0	
UPPER MANNVILLE Q & NN	44.2	<0.04		1.4		1.4	1.4	
UPPER MANNVILLE E2E. & LOWER MANN FF	44.4	<0.03		1.0		1.0	0.9	0.1
UPPER MANNVILLE FFF	226.0	0.25		56.5		56.5	21.7	34.8

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
64	6.73	0.170	0.36	0.87	56	925	51	11 897	-868.9	1 708.7	1995	96 05
64	2.80	0.090	0.35	0.80	27	959	49	12 234	-804.1	1 572.0	1995	96 07 - GPP
1 616	6.92	0.075	0.20	0.90	39	959	63	12 393	-823.0	1 568.2	1956	71 12
16	2.47	0.320	0.20	0.99	9	990	27	5 408	-10.8	639.0	1977	87 12 - ABAND 89 03
16	6.40	0.210	0.40	0.82	80	910	38	8 416	10.0	863.7	1968	75 10 - ABAND 74 10
64	2.20	0.280	0.34	0.95	11	927	29	4 932	68.8	617.1	1974	95 01 - GPP
32	3.90	0.200	0.46	0.95	17	914	35	10 395	-216.5	993.4	1991	92 06 - ABAND 92 03
800	3.20	0.220	0.39	0.89	50	920	33	10 030	-234.7	973.3	1963	97 09 - GPP
128	3.26	0.220	0.43	0.90	40	892	32	9 306	-234.9	998.7	1965	97 12 - GPP
64	8.00	0.200	0.38	0.91	43	914	30			1 333.4	1958	97 11
16	8.53	0.220	0.39	0.93	32	940	34	10 497	-255.6	1 004.5	1972	92 05 - GPP
32	5.56	0.207	0.42	0.90	48	892	33	10 374	-264.9	1 021.7	1972	92 11 - ABAND 83 12
64	4.03	0.184	0.42	0.90	47	927	33	9 146	-230.4	964.4	1972	96 08 - ABAND 81 11
32	4.40	0.180	0.40	0.90	42	922	32	10 272	-222.2	969.7	1982	83 09 - ABAND 88 06
16	11.20	0.190	0.40	0.89	45	928	33	10 487	-220.1	972.0	1983	91 12 - GPP
32	1.75	0.230	0.30	0.89	47	923	33	10 473	-225.8	972.6	1983	85 12 - ABAND 90 04
32	4.80	0.170	0.48	0.90	42	918	31	10 339	-220.8	994.0	1986	86 06 - ABAND 90 02
16	6.90	0.260	0.41	0.95	19	941	32	9 533	-211.8	969.6	1992	93 10 - ABAND 92 11
32	2.44	0.170	0.48	0.90	42	918	31	9 300	-234.1	1 010.1	1945	96 12 - ABAND 52 05
32	4.00	0.200	0.38	0.91	44	914	30		-241.1	997.8	1996	97 08
32	3.00	0.200	0.38	0.91	44	914	30		-229.0	979.2	1996	97 09
32	3.00	0.200	0.38	0.91	44	914	30		-235.5	985.6	1996	97 09
544	6.01	0.070	0.15	0.88	50	881	31	10 289	-233.6	1 012.7	1946	95 12 - GPP
16	8.70	0.110	0.60	0.90	44	945	31	10 531	-230.5	1 025.0	1982	88 12 - ABAND 83 06
32	5.00	0.123	0.63	0.90	43	910	32	10 856	-250.3	1 043.5	1986	92 09 - ABAND 90 08
32	8.00	0.140	0.45	0.95	19	919	33	10 847	-237.8	1 017.6	1991	92 06 - ABAND 92 03
32	3.70	0.070	0.64	0.95	19	929	34	9 437	-239.6	1 025.9	1991	92 11 - ABAND 92 09
16	15.00	0.090	0.65	0.95	16	914	41	9 449	-241.5	1 036.5	1991	92 08 - ABAND 92 01
32	9.00	0.110	0.50	0.95	20	900	28	8 768	-230.8	982.0	1992	94 12 - ABAND 94 01
64	3.60	0.100	0.40	0.95	43	900	32	9 014	-228.3	1 009.5	1945	93 07 - ABAND 53 02
16	7.70	0.150	0.20	0.95	18	908	29	10 074	-227.4	979.4	1994	95 08 - GPP
					45	892	38	12 371	-467.5	1 209.2	1944	67 01 - ABAND 69 09
16	3.50	0.290	0.18	0.95	20	934	30	5 835	-114.0	787.9	1977	97 11 - GPP
1 675	3.80	0.300	0.26	0.97	12	965	27	6 800	-105.9	780.0	1969	96 07 - GPP
727	11.42	0.310	0.15	0.97	11	979	24	6 371	-130.0	822.5	1952	95 07 - GPP
112	4.38	0.300	0.30	0.97	16	921	26	5 814	-75.0	780.6	1973	89 12 - GPP
32	3.06	0.253	0.42	0.92	23	915	32	6 373	-100.6	817.8	1977	91 12 - GPP
16	6.55	0.300	0.18	0.97	14	972	27	7 214	-118.5	822.7	1978	78 12
16	2.10	0.240	0.50	0.97	12	969	30	6 064	-172.4	915.5	1977	80 11
1 165	8.01	0.300	0.18	0.97	10	980	26	5 402	-33.9	748.4	1977	97 02 - GPP
162	4.38	0.290	0.26	0.97	12	980	23	5 401	-35.0	734.3	1981	97 08 - GPP
16	3.20	0.300	0.25	0.97	14	980	29	6 792	-105.0	820.4	1981	83 12 - ABAND 83 11
16	2.00	0.240	0.40	0.97	17	960	26	6 174	-142.2	933.8	1981	87 12 - ABAND 97 03
64	1.70	0.250	0.49	0.97	10	988	29	5 776	-45.0	772.7	1982	97 12 - GPP
32	1.00	0.270	0.35	0.96	16	934	30	5 166	-100.0	768.5	1981	83 12 - ABAND 88 11
16	2.47	0.210	0.45	0.97	9	952	34	8 494	-265.2	1 040.9	1977	97 12
16	3.20	0.170	0.40	0.85	24	872	41	7 368	-305.0	1 156.1	1974	97 12 - GPP
12	12.38	0.230	0.32	0.97	9	957	34	6 679	-160.9	914.8	1983	91 01 - GPP

TABLE 2-6

	1	2	3	4	5	6	7	8
FIELD POOL	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
PROVOST 036-07W4 (CONTINUED)								
UPPER MANNVILLE III	213.0	<0.04		6.5		6.5	6.5	
UPPER MANNVILLE KKK	113.0	0.06		6.8		6.8	4.4	2.4
UPPER MANNVILLE LLL	90.5	<0.04		3.2		3.2	3.2	
UPPER MANNVILLE MMM	171.0	0.10		17.1		17.1	8.2	8.9
UPPER MANNVILLE NNN	47.8	<0.01		0.2		0.2	0.2	
UPPER MANNVILLE OOO	146.0	<0.02		2.8		2.8	2.8	
UPPER MANNVILLE RRR	1 594.0	0.10		159.0		159.0	75.0	84.0
UPPER MANNVILLE TTT	40.0	0.07		2.8		2.8	2.8	
UPPER MANNVILLE UUU	64.7	<0.05		2.7		2.7	2.7	
UPPER MANNVILLE YYY	48.8	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE S2S	116.0	<0.02		1.6		1.6	1.6	
UPPER MANNVILLE T2T	125.0	0.05		6.3		6.3	6.3	
UPPER MANNVILLE V2V	39.3	<0.04		1.4		1.4	1.4	
UPPER MANNVILLE W2W	61.6	0.05		3.1		3.1	3.1	
UPPER MANNVILLE X2X	43.7	<0.02		0.8		0.8	0.8	
UPPER MANNVILLE Y2Y	126.0	<0.02		2.0		2.0	2.0	
UPPER MANNVILLE Z2Z	268.0	<0.01		2.5		2.5	2.5	
UPPER MANNVILLE A3A	135.0	<0.01		0.2		0.2	0.2	
UPPER MANNVILLE B3B	122.0	<0.03		3.0		3.0	3.0	
UPPER MANNVILLE F3F	493.0	0.02		9.9		9.9	5.7	4.2
UPPER MANNVILLE X3X	726.0	0.25		182.0		182.0	63.7	118.3
UPPER MANNVILLE Y3Y	158.0	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE A4A	13.0	<0.05		0.6		0.6	0.6	
UPPER MANNVILLE E4E	66.4	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE L4L	137.0	0.10		13.7		13.7	6.5	7.2
UPPER MANNVILLE U2U & LLOYDMINSTER T	536.0	0.08		42.9		42.9	32.3	10.6
UPPER MANNVILLE J5J	57.6	<0.03		1.6		1.6	1.6	
UPPER MANNVILLE U5U	312.0	0.20		62.4		62.4	18.6	43.8
UPPER MANNVILLE Y5Y	316.0	0.15		47.4		47.4	19.6	27.8
UPPER MANNVILLE M6M TOTAL	1 520.0			183.0	92.9	276.0	139.3	136.7
PRIMARY AREA	901.0	0.10		90.1		90.1		
WATER FLOOD AREA	619.0	0.15	0.15	92.9	92.9	186.0		
UPPER MANNVILLE N6N	226.0	0.05		11.3		11.3	3.6	7.7
UPPER MANNVILLE O6O	105.0	0.15		15.8		15.8	7.1	8.7
UPPER MANNVILLE P6P	113.0	<0.02		1.3		1.3	1.3	
UPPER MANNVILLE X6X	62.8	<0.01		0.3		0.3	0.3	
UPPER MANNVILLE P7P	38.7	<0.02		0.7		0.7	0.7	
UPPER MANNVILLE Q7Q	18.6	0.10		1.9		1.9	0.8	1.1
UPPER MANNVILLE T8T	19 720.0	0.04		789.0		789.0	727.8	61.2
UPPER MANNVILLE U8U	7 340.0	0.02		147.0		147.0	30.0	117.0
UPPER MANNVILLE Z8Z	330.0	0.05		16.5		16.5	1.4	15.1
COLONY A	81.9	<0.01		0.5		0.5	0.5	
COLONY B	309.0	<0.01		0.1		0.1	0.1	
COLONY D	24.3	<0.01		0.2		0.2	0.2	
COLONY F	46.0	0.07		3.2		3.2	2.4	0.8
COLONY G	52.7	<0.01		0.3		0.3	0.3	
COLONY J	43.4	0.10		4.3		4.3	0.9	3.4
COLONY C & LLOYDMINSTER BBB	90.6	<0.02		1.8		1.8	1.8	
SPARKY A	103.0	0.03		3.1		3.1	3.1	
SPARKY B	106.0	<0.02		1.7		1.7	1.7	
SPARKY C TOTAL	637.0			17.8	12.0	29.8	16.8	13.0
PRIMARY AREA	237.0	<0.03		5.8		5.8		
WATER FLOOD AREA	400.0	0.03	0.03	12.0	12.0	24.0		
SPARKY D	154.0	0.10		15.4		15.4	9.4	6.0
SPARKY F	58.8	<0.03		1.6		1.6	1.6	
SPARKY G	15.8	0.30		4.7		4.7	2.9	1.8
SPARKY I	46.6	0.10		4.7		4.7	1.5	3.2
SPARKY K	65.4	0.15		9.8		9.8	3.1	6.7
SPARKY N	75.8	0.15		11.4		11.4	1.7	9.7
SPARKY O	139.0	0.15		20.9		20.9	3.6	17.3
SPARKY S	91.4	0.10		9.1		9.1	0.5	8.6
GENERAL PETROLEUM A	31.1	<0.01		0.1		0.1	0.1	
GENERAL PETROLEUM B	459.0	0.03		13.8		13.8	6.9	6.9
GENERAL PETROLEUM C	65.3	0.10		6.5		6.5		6.5
REX F	74.7	0.10		7.5		7.5	3.5	4.0
REX G	31.4	0.30		9.4		9.4	0.2	9.2
REX H	111.0	0.25		27.8		27.8	12.8	15.0
REX L	83.0	0.10		8.3		8.3	1.2	7.1

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
64	2.87	0.230	0.48	0.97	11	922	28	5 900	-137.6	881.1	1983	95 06 - ABAND 94 11
32	2.50	0.270	0.45	0.95	11	889	31	6 100	-109.5	789.8	1984	97 12 - GPP
16	4.50	0.240	0.46	0.97	11	904	32	6 745	-168.1	931.8	1984	96 07 - GPP
32	3.20	0.290	0.40	0.96	15	911	27	6 950	-96.4	886.1	1984	85 03 - GPP
16	2.00	0.280	0.45	0.97	11	950	32	6 294	-53.6	759.0	1981	87 12
16	8.00	0.235	0.50	0.97	11	910	32	5 803	-98.0	833.6	1984	96 07 - GPP
249	3.88	0.270	0.37	0.97	12	990	27	5 523	-95.3	779.6	1983	92 12 - GPP
32	2.00	0.190	0.63	0.89	45	898	34	5 943	-115.8	799.5	1984	92 10 - ABAND 92 07
16	5.20	0.190	0.54	0.89	45	898	35	6 099	-117.4	802.3	1984	96 07 - ABAND 97 08
16	3.00	0.230	0.54	0.96	15	910	30	5 510	-95.4	778.3	1984	85 10 - ABAND 85 10
16	4.60	0.270	0.40	0.97	15	979	26	5 593	-31.1	743.3	1981	88 12
16	3.60	0.290	0.23	0.97	15	990	26	5 969	-112.2	766.8	1980	97 11 - ABAND 97 06
16	1.50	0.260	0.35	0.97	15	980	29	5 873	-112.1	817.0	1981	88 12 - ABAND 89 10
16	2.10	0.270	0.30	0.97	12	965	28	5 722	-127.6	844.8	1977	89 12 - ABAND 92 06
16	1.80	0.230	0.32	0.97	13	959	28	5 936	-143.0	885.8	1977	77 06 - ABAND 87 03
64	4.70	0.180	0.73	0.86	55	874	38	6 467	-306.1	1 150.4	1984	96 07 - GPP
16	12.37	0.230	0.36	0.92	32	916	32	6 832	-221.0	961.8	1982	96 07
64	1.80	0.200	0.35	0.90	40	860	32	5 872	-142.4	877.6	1984	85 10 - ABAND 88 06
16	5.50	0.290	0.49	0.94	24	908	24	5 921	-67.2	759.3	1985	96 07 - GPP
64	6.90	0.230	0.50	0.97	12	994	27	5 874	-111.1	805.1	1985	87 12 - GPP
100	3.60	0.270	0.23	0.97	13	985	31	5 705	-75.6	739.3	1987	97 12 - GPP
16	10.80	0.170	0.44	0.96	13	985	31	7 165	-258.1	1 045.4	1987	92 03 - ABAND 92 01
16	0.80	0.180	0.41	0.96	13	985	31	7 250	-204.0	955.9	1988	94 12 - ABAND 93 09
16	2.00	0.270	0.20	0.96	13	985	31	5 273	-20.1	688.6	1988	89 08 - ABAND 89 05
16	5.40	0.240	0.31	0.96	13	985	31	6 883	-221.2	958.3	1988	89 11 - GPP
227	1.74	0.220	0.33	0.92	32	871	32	6 297	-185.5	946.5	1985	94 12 - GPP
16	3.10	0.220	0.45	0.96	13	985	31	6 152	-162.7	910.0	1990	96 07 - GPP
130	1.80	0.230	0.37	0.92	13	985	31	6 231	-202.6	949.4	1991	97 09 - GPP
64	3.50	0.250	0.38	0.91	33	869	39	6 704	-193.8	957.2	1991	93 02 - GPP
639					34	865	34	6 896	-202.6	979.8	1991	96 09
387	1.72	0.236	0.37	0.91								
252	1.65	0.244	0.33	0.91								- GPP
64	3.40	0.190	0.40	0.91	35	892	32	6 790	-211.0	999.1	1978	91 07 - GPP
8	8.40	0.230	0.25	0.91	34	865	34	5 705	-185.3	929.8	1992	95 01 - GPP
16	8.00	0.180	0.49	0.96	13	985	31	6 751	-256.8	983.5	1992	96 03 - ABAND 95 11
4	9.50	0.270	0.32	0.90	40	968	34	5 849	-3.6	671.0	1992	96 07 - GPP
4	6.50	0.240	0.36	0.97	12	942	27	4 345	-12.2	709.8	1993	94 12 - ABAND 94 10
4	2.00	0.300	0.20	0.97	12	941	27	9 140	-25.9	698.5	1993	94 04 - GPP
827	9.37	0.320	0.18	0.97	11	979	24	6 612	-305.7	980.9	1983	95 07 - GPP
348	9.47	0.280	0.18	0.97	11	979	24	6 863	-171.4	889.5	1973	95 07
64	2.45	0.300	0.27	0.96	13	985	31	4 562	-10.6	718.6	1993	96 11
16	4.00	0.240	0.45	0.97	12	930	27	4 884	-23.2	691.5	1982	88 12
16	8.00	0.300	0.17	0.97	12	976	28	5 438	-26.1	699.0	1983	85 12 - ABAND 86 10
16	1.30	0.250	0.48	0.90	20	960	29	5 286	-23.1	698.7	1987	88 03 - ABAND 89 05
32	0.90	0.280	0.40	0.95	20	900	29	5 516	-50.5	742.0	1989	93 12 - GPP
16	2.00	0.300	0.39	0.90	47	948	25	5 237	-29.8	706.8	1988	90 10 - ABAND 91 08
16	1.40	0.300	0.32	0.95	21	900	28	4 752	-9.1	703.7	1990	94 09
16	3.66	0.290	0.42	0.92	10	918	31	5 120	-15.4	719.9	1985	93 12 - ABAND 93 05
16	5.00	0.240	0.44	0.96	15	920	27	4 323	-59.2	727.9	1986	96 07 - ABAND 96 05
16	4.00	0.250	0.31	0.96	13	985	31	6 089	-53.9	749.8	1985	94 12 - ABAND 94 05
184					13	985	31	6 248	-70.2	739.6	1988	97 01 - GPP
89	1.54	0.273	0.34	0.96								
95	2.88	0.267	0.43	0.96								
40	1.86	0.270	0.20	0.96	13	985	31	6 200	-55.9	757.6	1988	97 03 - GPP
16	2.70	0.270	0.44	0.90	37	890	30	6 608	-108.7	847.7	1988	94 11 - ABAND 94 08
4	1.80	0.290	0.21	0.96	13	985	31	5 764	-92.4	852.4	1992	97 12 - GPP
16	1.50	0.290	0.31	0.97	10	914	28	4 164	-43.5	739.3	1992	93 05 - GPP
16	2.52	0.260	0.35	0.96	18	985	31	4 284	-66.1	735.8	1995	96 08 - GPP
8	4.50	0.310	0.30	0.97	13	892	27	4 172	-78.9	735.3	1995	96 04 - GPP
32	2.11	0.320	0.33	0.96	20	941	26	5 744	-79.9	748.9	1996	96 12 - GPP
16	3.80	0.250	0.38	0.97	12	934	29	4 325	-70.6	758.5	1996	97 02 - GPP
16	1.40	0.260	0.45	0.97	11	944	28	6 343	-84.6	772.7	1983	88 01 - ABAND 91 02
32	7.70	0.280	0.30	0.95	18	889	34	5 977	-116.2	856.2	1988	89 01 - GPP
8	5.00	0.270	0.37	0.96	18	985	31			751.8	1992	97 03 - GPP
16	3.60	0.230	0.40	0.94	21	933	40	6 480	-201.7	995.1	1993	93 10 - GPP
4	6.50	0.210	0.40	0.96	15	935	30	4 873	-98.7	782.1	1994	95 08 - GPP
48	1.49	0.270	0.40	0.96	24	916	28	2 749	-88.8	778.2	1995	97 12 - GPP
16	3.00	0.280	0.35	0.95	19	935	28	7 792	-202.5	974.5	1995	96 08 - GPP

TABLE 2-6

	1	2	3	4	5	6	7	8
FIELD POOL	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
PROVOST 036-07W4 (CONTINUED)								
REX R	20.2	0.20		4.0		4.0		4.0
LLOYDMINSTER A	684.0	<0.02		7.3		7.3	7.3	
LLOYDMINSTER G	99.8	<0.01		0.1		0.1	0.1	
LLOYDMINSTER H	88.9	0.20		17.8		17.8	14.8	3.0
LLOYDMINSTER I	60.5	<0.02		1.1		1.1	1.1	
LLOYDMINSTER L	95.5	<0.01		0.8		0.8	0.8	
LLOYDMINSTER N	248.0	<0.01		0.5		0.5	0.5	
LLOYDMINSTER O TOTAL	10 080.0			1 036.0	3 405.0	4 441.0	4 214.8	226.2
PRIMARY AREA	553.0	0.15		83.0		83.0		
WATER FLOOD AREA	9 526.0	0.10	0.35	953.0	3 405.0	4 358.0		
LLOYDMINSTER P	37.2	<0.07		2.3		2.3	2.3	
LLOYDMINSTER Q	40.7	<0.01		0.1		0.1	0.1	
LLOYDMINSTER R	503.0	0.05		25.2		25.2	15.1	10.1
LLOYDMINSTER U	538.0	0.40		215.0		215.0	183.3	31.7
LLOYDMINSTER W	279.0	0.05		14.0		14.0	10.5	3.5
LLOYDMINSTER AA	1 259.0	0.25		315.0		315.0	160.5	154.5
LLOYDMINSTER CC	976.0	0.05		48.8		48.8	18.8	30.0
LLOYDMINSTER DD TOTAL	3 052.0			764.0	897.0	1 661.0	1 372.7	288.3
PRIMARY AREA	414.0	0.25		104.0		104.0		
WATER FLOOD AREA	2 638.0	0.25	0.34	660.0	897.0	1 557.0		
LLOYDMINSTER EE	404.0	0.25		101.0		101.0	55.4	45.6
LLOYDMINSTER GG	57.5	<0.10		5.7		5.7	5.7	
LLOYDMINSTER II	45.6	0.15		6.8		6.8	3.7	3.1
LLOYDMINSTER LL	505.0	0.20		101.0		101.0	55.6	45.4
LLOYDMINSTER MM	460.0	0.50		230.0		230.0	158.1	71.9
LLOYDMINSTER NN	165.0	0.20		33.0		33.0	27.6	5.4
LLOYDMINSTER OO	29.0	<0.13		3.5		3.5	3.5	
LLOYDMINSTER QQ	544.0	0.25		136.0		136.0	61.8	74.2
LLOYDMINSTER TT	31.4	0.20		6.3		6.3	4.8	1.5
LLOYDMINSTER UU	1 623.0	0.35		568.0		568.0	458.3	109.7
LLOYDMINSTER VV	280.0	0.40		112.0		112.0	93.1	18.9
LLOYDMINSTER YY	117.0	<0.03		2.8		2.8	2.8	
CUMMINGS N & LLOYDMINSTER S & X	3 478.0	0.20		696.0		696.0	303.5	392.5
LLOYDMINSTER FFF	111.0	<0.01		0.1		0.1	0.1	
LLOYDMINSTER III	66.5	0.20		13.3		13.3	1.5	11.8
LLOYDMINSTER JJJ	223.0	0.15		33.4		33.4	6.7	26.7
LLOYDMINSTER KKK	292.0	0.30		87.6		87.6	54.1	33.5
LLOYDMINSTER MMM TOTAL	287.0			56.2	52.4	109.0	39.4	69.6
PRIMARY AREA	25.2	0.15		3.8		3.8		
WATER FLOOD AREA	262.0	0.20	0.20	52.4	52.4	105.0		
LLOYDMINSTER PPP	153.0	0.15		23.0		23.0	3.6	19.4
LLOYDMINSTER QQQ	118.0	0.15		17.7		17.7	10.6	7.1
LLOYDMINSTER SSS	223.0	0.10		22.3		22.3	8.2	14.1
LLOYDMINSTER TTT	32.8	0.30		9.8		9.8	2.9	6.9
LLOYDMINSTER VVV	230.0	0.30		69.0		69.0	29.5	39.5
LLOYDMINSTER WWW	78.2	0.25		19.6		19.6	7.7	11.9
LLOYDMINSTER A2A	74.6	0.20		14.9		14.9	7.9	7.0
LLOYDMINSTER D2D	198.0	0.30		59.4		59.4	24.9	34.5
LLOYDMINSTER U2U	51.7	0.05		2.6		2.6	0.1	2.5
LLOYDMINSTER X2X	43.1	0.20		8.6		8.6	1.6	7.0
LLOYDMINSTER C3C WATER FLOOD	439.0	0.30	0.10	132.0	43.9	176.0	31.9	144.1
LLOYDMINSTER D3D	45.2	0.10		4.5		4.5	0.2	4.3
GLAUCONITIC C	415.0	0.10		41.5		41.5	11.5	30.0
GLAUCONITIC D	110.0	0.25		27.5		27.5	7.0	20.5
GLAUCONITIC F	138.0	0.20		27.6		27.6	22.0	5.6
GLAUCONITIC G	49.3	0.20		9.9		9.9	2.6	7.3
GLAUCONITIC H	112.0	<0.03		2.5		2.5	2.5	
GLAUCONITIC I	136.0	0.02		2.7		2.7	0.4	2.3
GLAUCONITIC J	57.2	<0.01		0.3		0.3	0.3	
GLAUCONITIC O	43.1	0.20		8.6		8.6	2.4	6.2
GLAUCONITIC AA	44.7	0.10		4.5		4.5	2.8	1.7
CUMMINGS C	243.0	<0.01		0.1		0.1	0.1	
CUMMINGS D	14.3	<0.01		0.1		0.1	0.1	
CUMMINGS I	12 940.0	0.30		3 882.0		3 882.0	3 376.1	505.9
CUMMINGS L	140.0	0.01		1.4		1.4	1.4	
CUMMINGS S	1 971.0	0.20		394.0		394.0	320.7	73.3
CUMMINGS U	137.0	<0.01		0.1		0.1	0.1	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m^3/m^3	kg/m^3	°C	kPa	m MSL	m KB		
4	2.00	0.320	0.17	0.95	19	935	28			812.0	1996	97 08 - GPP
64	7.70	0.220	0.35	0.97	38	905	17	6 205	-136.8	806.3	1979	82 12 - ABAND 91 04
16	3.50	0.330	0.40	0.90	42	964	30	6 254	-131.7	905.8	1984	84 11 - ABAND 84 09
32	1.50	0.290	0.29	0.90	27	902	28	5 266	-92.8	792.6	1984	93 04 - GPP
32	1.00	0.300	0.30	0.90	42	902	30	5 197	-96.1	789.0	1984	96 02 - ABAND 95 02
16	3.70	0.280	0.40	0.96	25	937	30	5 596	-117.7	782.9	1984	85 03 - ABAND 87 11
48	3.01	0.300	0.41	0.97	11	970	30	5 571	-108.3	790.9	1984	92 10
1 315					17	911	28	5 309	-87.7	791.3	1975	96 06
130	1.78	0.300	0.17	0.96								
1 185	3.23	0.305	0.15	0.96								- GPP
16	1.20	0.300	0.29	0.91	25	902	26	5 065	-95.7	759.1	1984	96 07 - GPP
16	1.30	0.320	0.32	0.90	43	900	27	5 057	-94.7	782.9	1984	96 07
64	4.30	0.290	0.35	0.97	15	880	28	5 634	-115.4	807.8	1986	86 11 - GPP
100	2.10	0.310	0.13	0.95	11	904	28	4 336	-90.7	793.1	1987	96 04 - GPP
64	1.99	0.300	0.23	0.95	21	900	28	5 690	-106.4	780.2	1987	92 05 - GPP
235	3.23	0.280	0.37	0.94	22	905	27	6 228	-104.6	779.1	1988	96 10 - GPP
184	3.07	0.300	0.40	0.96	10	918	31	6 224	-103.7	771.4	1988	97 09 - GPP
405					44	931	28	5 520	-91.1	769.0	1969	96 09 - GPP
136	1.34	0.300	0.22	0.97								
269	4.32	0.300	0.22	0.97								
65	2.70	0.300	0.20	0.96	23	910	24	5 563	-82.0	747.4	1969	95 12 - GPP
16	2.19	0.280	0.39	0.96	10	908	31	5 426	-91.0	764.8	1985	96 07 - GPP
16	2.20	0.270	0.50	0.96	10	918	31	5 622	-120.7	801.4	1989	93 12 - GPP
32	6.30	0.310	0.14	0.94	22	905	27	5 213	-98.9	790.7	1990	95 12 - GPP
62	2.90	0.310	0.15	0.97	10	918	31	6 190	-100.3	792.5	1990	97 12 - GPP
31	2.36	0.290	0.20	0.97	10	918	31	5 137	-93.6	781.1	1990	95 12
4	3.30	0.290	0.22	0.97	10	919	31	5 512	-76.3	751.1	1989	95 10 - ABAND 95 07
48	5.15	0.300	0.22	0.94	22	905	27	8 122	-179.8	954.2	1991	95 12 - GPP
12	1.26	0.330	0.33	0.94	20	893	29	6 416	-100.5	819.5	1989	92 10 - GPP
232	3.18	0.310	0.22	0.91	33	900	33	8 203	-189.3	973.4	1992	96 09 - GPP
50	3.15	0.300	0.39	0.97	12	994	27	5 630	-127.5	791.6	1992	96 09 - GPP
16	4.70	0.230	0.29	0.95	11	905	28	5 832	-180.5	931.4	1991	96 07 - GPP
472	4.36	0.290	0.38	0.94	15	920	32	5 730	-125.3	805.3	1985	96 04 - GPP
16	4.50	0.250	0.35	0.95	18	905	28	5 696	-98.8	799.1	1993	96 07 - GPP
8	4.50	0.280	0.32	0.97	10	918	31	5 085	-116.7	809.8	1994	94 08 - GPP
16	5.50	0.310	0.14	0.95	10	918	31	5 323	-113.9	799.3	1993	94 08 - GPP
40	3.20	0.300	0.19	0.94	21	900	28	4 941	-98.9	759.0	1994	95 12 - GPP
74					10	918	31	5 239	-89.1	770.7	1992	97 09
8	1.50	0.280	0.22	0.96								
66	1.72	0.300	0.20	0.96								- GPP
65	1.22	0.290	0.29	0.94	22	905	27	5 274	-82.8	771.3	1994	95 12 - GPP
16	3.50	0.300	0.25	0.94	22	905	27	5 256	-90.8	792.8	1994	95 05 - GPP
16	5.50	0.310	0.15	0.96	10	908	31	5 585	-116.4	797.3	1994	95 11 - GPP
16	1.40	0.280	0.45	0.95	19	935	28	3 494	-92.2	753.8	1995	95 11 - GPP
63	1.80	0.310	0.31	0.95	22	905	27	5 431	-99.4	769.1	1995	97 12 - GPP
20	2.88	0.220	0.35	0.95	18	905	28	5 510	-221.9	993.0	1995	97 01 - GPP
16	2.70	0.270	0.32	0.94	20	893	29	4 323	-128.9	793.7	1993	97 12 - GPP
36	2.30	0.300	0.16	0.95	19	935	28	5 219	-98.5	783.9	1996	97 08 - GPP
16	1.80	0.270	0.30	0.95	19	935	28	5 027	-97.2	770.9	1996	97 03 - GPP
8	2.70	0.300	0.30	0.95	19	935	28		-126.0	802.2	1996	97 06 - GPP
45	3.82	0.320	0.16	0.95	19	935	28		-91.7	791.4	1997	97 12 - GPP
16	2.00	0.240	0.38	0.95	18	905	28		-140.9	817.0	1994	97 10 - GPP
50	5.47	0.230	0.32	0.97	30	894	35	7 300	-295.9	1 026.0	1992	97 03 - GPP
16	5.00	0.240	0.39	0.94	27	892	33	5 471	-198.1	961.8	1991	93 02 - GPP
16	6.00	0.240	0.34	0.91	34	865	34	5 789	-177.4	929.5	1993	93 05 - GPP
16	2.70	0.220	0.43	0.91	34	865	34	7 581	-319.8	1 025.5	1993	93 10 - GPP
16	3.90	0.260	0.24	0.91	34	865	34	6 758	-234.4	969.7	1993	96 07 - GPP
16	4.30	0.260	0.21	0.96	13	985	31	6 771	-239.3	974.2	1993	97 12 - GPP
16	2.40	0.240	0.36	0.97	7	915	27	6 638	-221.0	959.6	1993	96 07 - GPP
16	2.00	0.230	0.37	0.93	23	898	47	5 622	-331.7	1 113.3	1995	96 07 - GPP
8	3.65	0.230	0.30	0.95	19	935	28		-223.3	952.5	1983	97 11 - GPP
16	7.00	0.280	0.20	0.97	11	988	26	5 871	-114.0	840.5	1982	85 12 - ABAND 92 05
16	0.70	0.240	0.45	0.97	11	931	26	6 028	-128.6	843.7	1983	84 01 - ABAND 90 10
900	6.57	0.290	0.18	0.92	25	910	29	5 672	-107.1	797.2	1984	95 10 - GPP
16	4.00	0.300	0.25	0.97	13	990	27	6 211	-137.1	827.0	1983	88 12 - ABAND 89 10
436	2.19	0.280	0.24	0.97	9	953	29	5 919	-137.4	813.1	1986	93 03 - GPP
32	2.80	0.240	0.33	0.95	11	905	28	4 976	-128.7	794.3	1987	88 05 - ABAND 88 01

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
PROVOST 036-07W4 (CONTINUED)								
CUMMINGS V	200.0	<0.08		14.4		14.4	14.4	
CUMMINGS W	175.0	<0.05		8.6		8.6	8.6	
CUMMINGS Z	22.9	<0.01		0.1		0.1	0.1	
CUMMINGS DD	20.4	<0.01		0.1		0.1	0.1	
CUMMINGS JJ	52.9	<0.01		0.1		0.1	0.1	
CUMMINGS OO	221.0	<0.21		45.6		45.6	45.6	
CUMMINGS SS	63.5	<0.08		4.8		4.8	4.8	
CUMMINGS TT	98.0	<0.04		3.0		3.0	3.0	
CUMMINGS VV	117.0	<0.03		2.4		2.4	2.4	
CUMMINGS WW	112.0	<0.03		2.5		2.5	2.5	
CUMMINGS XX	65.4	<0.05		3.1		3.1	3.1	
CUMMINGS ZZ	41.9	0.20		8.4		8.4	7.7	0.7
CUMMINGS BBB	47.5	0.15		7.1		7.1	6.3	0.8
CUMMINGS CCC	172.0	<0.12		20.6		20.6	20.6	
CUMMINGS DDD	65.7	0.01		0.7		0.7	0.7	
CUMMINGS GGG	15.2	<0.09		1.3		1.3	1.3	
CUMMINGS III	157.0	<0.03		4.0		4.0	4.0	
CUMMINGS JJJ	10.5	0.02		0.2		0.2	0.2	
CUMMINGS LLL	25.5	<0.01		0.1		0.1	0.1	
CUMMINGS MMM	51.7	0.05		2.6		2.6	0.1	2.5
CUMMINGS NNN	510.0	0.20		102.0		102.0	52.6	49.4
CUMMINGS OOO	42.1	<0.02		0.7		0.7	0.7	
CUMMINGS SSS	16.3	<0.10		1.6		1.6	1.6	
CUMMINGS TTT	223.0	0.25		55.8		55.8	20.7	35.1
CUMMINGS VVV	1 299.0	0.20		260.0		260.0	106.7	153.3
CUMMINGS XXX	39.9	<0.01		0.2		0.2	0.2	
CUMMINGS YYY	37.3	<0.05		1.7		1.7	1.7	
CUMMINGS ZZZ	147.0	0.30		44.1		44.1	19.6	24.5
CUMMINGS A2A	646.0	0.20		129.0		129.0	48.9	80.1
CUMMINGS B2B	1 096.0	0.10		110.0		110.0	54.5	55.5
CUMMINGS C2C	175.0	0.25		43.8		43.8	35.7	8.1
CUMMINGS D2D	30.6	<0.02		0.4		0.4	0.4	
CUMMINGS E2E	83.6	<0.02		1.1		1.1	1.1	
CUMMINGS F2F	223.0	0.10		22.3		22.3	3.7	18.6
CUMMINGS I2I	42.6	<0.01		0.1		0.1	0.1	
CUMMINGS J2J	42.2	<0.02		0.8		0.8	0.8	
CUMMINGS L2L	45.3	<0.02		0.5		0.5	0.5	
CUMMINGS O2O	143.0	0.10		14.3		14.3	1.1	13.2
CUMMINGS T2T	17.2	<0.02		0.2		0.2	0.2	
CUMMINGS V2V	54.7	<0.01		0.3		0.3	0.3	
CUMMINGS W2W	172.0	0.30		51.6		51.6	32.2	19.4
CUMMINGS X2X WATER FLOOD	93.5	0.10	0.10	9.4	9.4	18.8	2.1	16.7
CUMMINGS Y2Y	12.3	0.20		2.5		2.5	1.2	1.3
CUMMINGS A3A	11.5	0.20		2.3		2.3		2.3
CUMMINGS C3C	37.2	0.25		9.3		9.3	3.0	6.3
CUMMINGS D3D	517.0	0.30		155.0		155.0	67.5	87.5
CUMMINGS E3E	237.0	0.20		47.4		47.4	6.0	41.4
CUMMINGS F3F	69.4	0.15		10.4		10.4	6.5	3.9
CUMMINGS G3G	30.6	0.45		13.8		13.8	9.5	4.3
CUMMINGS H3H	67.4	0.10		6.7		6.7	2.2	4.5
CUMMINGS I3I	113.0	0.10		11.3		11.3	0.1	11.2
CUMMINGS J3J	37.2	0.20		7.4		7.4	2.0	5.4
CUMMINGS K3K	132.0	0.20		26.4		26.4	1.3	25.1
CUMMINGS L3L	88.5	0.10		8.9		8.9	0.1	8.8
CUMMINGS M3M	31.7	0.20		6.3		6.3	1.2	5.1
CUMMINGS N3N	224.0	0.25		56.0		56.0	16.4	39.6
CUMMINGS U3U	83.9	0.20		16.8		16.8	0.5	16.3
CUMMINGS UU & DINA T2T	223.0	0.05		11.2		11.2	8.5	2.7
CUMMINGS OOO,PPP & DINA E4E	253.0	0.22		55.7		55.7	4.6	51.1
CUMMINGS H2H & DINA MMM	113.0	0.10		11.3		11.3	5.9	5.4
CUMMINGS M & LLOYDMINSTER M	311.0	0.25		77.8		77.8	47.8	30.0
LOWER MANNVILLE A	226.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE C	169.0	<0.08		12.6		12.6	12.6	
LOWER MANNVILLE E	34.1	0.10		3.4		3.4	1.7	1.7
LOWER MANNVILLE J	90.9	<0.01		0.7		0.7	0.7	
LOWER MANNVILLE W	107.0	<0.05		4.5		4.5	4.5	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA ha	AVERAGE PAY THICKNESS m	POROSITY frac	WATER SATN frac	SHRINKAGE frac	INITIAL SOLUTION GOR m3/m3	DENSITY kg/m3	TEMP °C	INITIAL PRESSURE kPa	DATUM DEPTH m MSL	MEAN FORMATION DEPTH m KB	DISC YEAR	DATE LAST REVIEWED AND REMARKS
48	2.23	0.260	0.26	0.97	11	905	28	5 583	-119.3	788.4	1988	95 06 - ABAND 95 03
64	1.77	0.250	0.35	0.95	11	905	28	5 457	-184.7	1 027.3	1988	94 01 - ABAND 93 09
16	1.10	0.200	0.33	0.97	13	970	31	5 564	-118.0	781.6	1988	88 07 - ABAND 88 06
16	1.20	0.200	0.44	0.95	11	905	28	5 871	-148.5	852.1	1988	96 07
32	1.20	0.250	0.42	0.95	11	905	28	5 881	-147.4	848.8	1988	92 12 - ABAND 92 10
80	1.78	0.230	0.29	0.95	11	905	28	6 371	-177.5	860.5	1988	96 07 - GPP
32	1.50	0.240	0.42	0.95	11	905	28	6 075	-162.9	906.6	1989	96 07 - GPP
16	4.00	0.260	0.38	0.95	11	905	28	6 081	-172.7	902.3	1989	96 07 - GPP
64	1.87	0.210	0.51	0.95	11	905	28	5 385	-174.7	857.0	1989	94 11 - ABAND 94 08
64	1.00	0.270	0.33	0.97	7	956	29	5 671	-104.3	792.0	1981	89 12 - ABAND 92 07
16	1.80	0.300	0.22	0.97	10	910	32	5 317	-92.2	778.6	1985	96 07 - ABAND 94 07
16	2.18	0.230	0.45	0.95	11	905	28	5 820	-125.6	807.3	1989	91 12 - GPP
32	1.00	0.220	0.29	0.95	11	905	28	6 120	-147.4	855.5	1986	90 09 - GPP
85	1.25	0.250	0.32	0.95	11	905	28	6 089	-150.7	845.9	1990	95 03 - ABAND 95 01
16	4.00	0.200	0.46	0.95	11	905	28	3 107	-166.6	855.9	1990	95 03 - ABAND 94 02
4	2.80	0.250	0.43	0.95	11	905	28	5 924	-115.8	822.6	1990	94 12 - ABAND 94 06
16	4.30	0.290	0.17	0.95	11	905	28	5 740	-151.8	850.8	1991	96 07 - GPP
4	1.50	0.270	0.32	0.95	11	905	28	5 847	-145.8	829.8	1991	92 08 - ABAND 92 01
32	0.70	0.210	0.43	0.95	11	905	28	5 665	-163.0	931.4	1991	92 11 - ABAND 92 11
16	2.00	0.270	0.37	0.95	11	905	28	5 593	-106.0	789.5	1991	97 09 - GPP
108	3.63	0.220	0.39	0.97	9	935	28	6 548	-165.0	867.2	1989	92 03 - GPP
32	1.40	0.220	0.55	0.95	11	905	28	5 936	-140.9	810.5	1991	94 12 - ABAND 93 09
4	2.00	0.290	0.26	0.95	11	905	28	5 040	-117.9	793.8	1992	96 07 - GPP
64	2.14	0.260	0.34	0.95	11	905	28	6 182	-156.1	914.8	1992	93 04 - GPP
76	7.30	0.290	0.15	0.95	11	905	28	5 459	-125.7	794.8	1992	95 09 - GPP
4	5.00	0.290	0.29	0.97	11	905	28	5 524	-112.5	784.5	1992	96 07 - ABAND 92 11
4	3.80	0.300	0.14	0.95	11	905	28	5 461	-119.4	788.4	1992	96 07 - GPP
68	1.66	0.250	0.45	0.95	11	905	28	5 657	-122.8	831.9	1989	95 12 - GPP
120	3.76	0.250	0.41	0.97	9	935	28	6 847	-191.4	964.6	1988	93 02 - GPP
121	3.89	0.300	0.20	0.97	9	935	28	5 538	-104.5	798.1	1985	95 03 - GPP
16	5.42	0.270	0.23	0.97	9	935	28	5 311	-109.9	839.9	1992	97 12 - GPP
4	4.60	0.250	0.30	0.95	11	905	28	6 239	-110.8	835.5	1992	95 01 - ABAND 94 09
16	2.40	0.290	0.21	0.95	11	905	28	5 533	-110.7	782.4	1992	96 07 - GPP
32	3.40	0.270	0.20	0.95	11	905	28	5 558	-92.8	800.8	1993	94 12 - GPP
16	2.00	0.250	0.44	0.95	19	935	28	5 788	-137.6	796.8	1993	95 04 - ABAND 94 04
16	1.80	0.230	0.33	0.95	11	905	28	5 797	-125.3	809.6	1993	96 07 - GPP
16	1.70	0.270	0.35	0.95	19	935	28	5 287	-139.1	801.2	1993	95 01 - ABAND 94 04
16	4.30	0.280	0.22	0.95	19	935	28	5 909	-90.2	807.6	1993	94 10 - GPP
4	1.80	0.300	0.16	0.95	21	900	28	5 744	-150.1	886.6	1994	96 07 - GPP
4	6.00	0.300	0.20	0.95	19	935	28	5 164	-101.0	771.0	1994	96 07 - GPP
48	1.92	0.280	0.30	0.95	19	935	28	5 577	-108.6	786.9	1994	97 09 - GPP
44	1.52	0.230	0.36	0.95	19	935	28	5 125	-96.7	770.9	1994	96 06 - GPP
4	2.00	0.270	0.40	0.95	19	935	28	5 390	-118.4	803.0	1994	95 08 - GPP
8	1.00	0.240	0.37	0.95	19	935	28	3 892	-92.4	782.5	1995	95 11 - GPP
16	1.70	0.240	0.40	0.95	11	905	28	4 811	-135.1	803.7	1990	96 01 - GPP
95	2.40	0.310	0.23	0.95	19	935	28	5 091	-115.1	784.6	1995	97 12 - GPP
48	2.30	0.290	0.22	0.95	19	935	28	4 921	-93.1	789.5	1992	96 02 - GPP
16	2.70	0.260	0.35	0.95	19	935	28	5 162	-98.2	792.5	1995	96 12 - GPP
8	2.40	0.240	0.30	0.95	11	905	28	4 929	-93.7	809.2	1994	97 12 - GPP
16	1.80	0.290	0.15	0.95	23	931	28	5 450	-149.8	892.4	1995	96 12
8	6.20	0.300	0.20	0.95	19	935	28	5 478	-97.9	796.0	1996	96 08 - GPP
8	2.50	0.280	0.30	0.95	19	935	28	4 969	-96.4	761.3	1996	96 08 - GPP
16	3.65	0.290	0.18	0.95	19	935	28	6 162	-131.7	831.4	1995	96 08 - GPP
8	5.20	0.280	0.20	0.95	19	935	28	3 941	-92.0	775.7	1996	96 09 - GPP
16	1.10	0.260	0.27	0.95	19	935	28	5 254	-135.7	817.9	1996	96 09 - GPP
24	3.60	0.310	0.12	0.95	19	935	28	5 300	-107.0	774.2	1995	97 12 - GPP
4	7.60	0.320	0.12	0.98	19	935	28		-117.8	836.2	1996	97 08 - GPP
32	4.70	0.240	0.35	0.95	11	905	28	6 312	-156.1	840.3	1989	91 02 - GPP
41	4.25	0.220	0.32	0.97	9	935	28	5 380	-199.9	945.1	1991	92 04 - GPP
12	4.85	0.270	0.26	0.97	9	935	28	5 660	-129.2	798.0	1988	95 08 - GPP
104	1.40	0.290	0.20	0.92	28	918	24	5 601	-105.4	793.7	1984	94 05 - GPP
64	4.31	0.130	0.30	0.90	43	874	38	7 278	-255.1	977.5	1977	78 08 - ABAND 78 06
64	2.30	0.230	0.48	0.96	18	865	32	7 062	-235.0	1 028.1	1978	96 07 - GPP
16	1.80	0.210	0.40	0.94	27	917	32	5 947	-157.2	909.8	1976	79 05 - GPP
16	3.50	0.270	0.38	0.97	12	970	29	7 170	-110.4	783.8	1980	81 01 - ABAND 82 06
16	5.30	0.240	0.45	0.96	13	876	32	7 132	-261.5	1 049.2	1982	96 07

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
PROVOST 036-07W4 (CONTINUED)								
LOWER MANNVILLE AA	134.0	<0.11		14.2		14.2	14.2	
LOWER MANNVILLE BB	82.8	<0.08		6.4		6.4	6.4	
LOWER MANNVILLE MM	52.1	<0.05		2.4		2.4	2.4	
LOWER MANNVILLE RR	224.0	0.05		11.2		11.2	6.4	4.8
LOWER MANNVILLE TT	39.5	0.25		9.9		9.9	3.3	6.6
LOWER MANNVILLE PP & D-2 B	55.5	<0.02		0.7		0.7	0.7	
DINA A	3 498.0	0.30		1 049.0		1 049.0	976.1	72.9
DINA E	468.0	0.30		140.0		140.0	40.8	99.2
DINA F	37.3	<0.01		0.3		0.3	0.3	
DINA I	145.0	<0.01		0.1		0.1	0.1	
DINA J	123.0	<0.01		0.9		0.9	0.9	
DINA K	132.0	<0.02		2.3		2.3	2.3	
DINA L	1 961.0	0.50		981.0		981.0	660.2	320.8
DINA M	58.6	0.20		11.7		11.7	8.2	3.5
DINA N	7 693.0	0.30		2 308.0		2 308.0	1 757.3	550.7
DINA O	5 265.0	0.25		1 316.0		1 316.0	782.4	533.6
DINA P	131.0	<0.01		0.3		0.3	0.3	
DINA Q	1 866.0	0.02		37.3		37.3	9.4	27.9
DINA R	962.0	0.05		48.1		48.1	18.9	29.2
DINA T	282.0	0.07		19.7		19.7	14.6	5.1
DINA U	181.0	0.15		27.2		27.2	12.2	15.0
DINA V	98.3	<0.01		0.4		0.4	0.4	
DINA Z	48.5	<0.01		0.2		0.2	0.2	
DINA BB	122.0	0.20		24.4		24.4	10.2	14.2
DINA EE	133.0	<0.01		0.4		0.4	0.4	
DINA FF	185.0	0.15		27.8		27.8	17.9	9.9
DINA GG	365.0	<0.01		0.1		0.1	0.1	
DINA HH	181.0	0.10		18.1		18.1	8.3	9.8
DINA II	446.0	<0.01		2.3		2.3	2.3	
DINA KK	155.0	<0.01		0.6		0.6	0.6	
DINA LL	90.3	0.20		18.1		18.1	13.8	4.3
DINA PP	702.0	0.20		140.0		140.0	105.1	34.9
DINA OO	38.2	<0.01		0.2		0.2	0.2	
DINA RR	542.0	0.05		27.1		27.1	20.2	6.9
DINA TT	78.2	<0.01		0.5		0.5	0.5	
DINA VV	113.0	<0.01		0.2		0.2	0.2	
DINA YY	2 654.0	0.40		1 062.0		1 062.0	967.8	94.2
DINA AAA	80.0	<0.14		11.0		11.0	11.0	
DINA CCC	32.7	<0.30		9.7		9.7	9.7	
DINA GGG	380.0	0.30		114.0		114.0	84.9	29.1
DINA III	44.7	<0.12		5.1		5.1	5.1	
DINA KKK	160.0	0.10		16.0		16.0	8.7	7.3
DINA LLL	29.7	<0.01		0.1		0.1	0.1	
DINA NNN	75.6	<0.02		1.0		1.0	1.0	
DINA OOO	262.0	0.20		52.4		52.4	47.6	4.8
DINA SSS	27.6	<0.01		0.1		0.1	0.1	
DINA TTT	25.8	<0.02		0.4		0.4	0.4	
DINA YYY	100.0	0.20		20.0		20.0	15.5	4.5
DINA B2B	850.0	0.10		85.0		85.0	82.2	2.8
DINA G2G	6.3	<0.02		0.1		0.1	0.1	
DINA H2H	98.1	0.08		7.8		7.8	4.0	3.8
DINA K2K	81.0	<0.01		0.4		0.4	0.4	
DINA N2N	174.0	0.07		12.3		12.3	12.3	
DINA O2O	939.0	0.15		141.0		141.0	71.5	69.5
DINA P2P	114.0	<0.01		0.1		0.1	0.1	
DINA R2R	60.8	<0.04		2.0		2.0	2.0	
DINA W2W	196.0	0.06		11.8		11.8	6.2	5.6
DINA A3A	106.0	<0.01		0.5		0.5	0.5	
DINA C3C	54.6	<0.02		0.9		0.9	0.9	
DINA E3E	127.0	0.15		19.1		19.1	10.9	8.2
DINA F3F	371.0	0.30		111.0		111.0	65.5	45.5
DINA H3H	17.1	<0.02		0.2		0.2	0.2	
DINA I3I	29.4	<0.09		2.4		2.4	2.4	
DINA J3J	97.7	0.10		9.8		9.8	4.0	5.8
DINA L3L	114.0	0.35		39.9		39.9	31.4	8.5
DINA N3N	239.0	0.30		71.7		71.7	63.0	8.7
DINA P3P	80.0	<0.01		0.3		0.3	0.3	
DINA Q3Q	790.0	<0.02		14.5		14.5	14.5	
DINA T3T	32.6	<0.14		4.4		4.4	4.4	
DINA V3V	429.0	0.20		85.8		85.8	55.9	29.9

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
60	2.20	0.200	0.45	0.92	31	878	31	6 875	-273.2	1 052.8	1984	96 07 - GPP
16	3.66	0.240	0.36	0.92	31	878	31	7 315	-273.3	1 052.1	1985	96 07 - GPP
16	2.80	0.240	0.50	0.97	12	963	24	6 092	-147.7	915.3	1980	88 12 - ABAND 97 02
32	4.20	0.220	0.22	0.97	7	915	27	5 839	-167.7	884.1	1972	90 12 - GPP
32	1.30	0.200	0.50	0.95	18	939	37	9 006	-287.2	1 067.7	1990	92 03 - GPP
16	4.65	0.147	0.43	0.89	38	890	32	6 502	-303.9	1 072.8	1986	96 07 - GPP
460	4.00	0.280	0.30	0.97	38	894	31	6 115	-113.8	792.0	1982	90 12 - GPP
40	6.99	0.250	0.31	0.97	11	960	30	5 810	-159.5	851.0	1981	97 12 - GPP
16	1.80	0.240	0.40	0.90	41	939	30	6 001	-129.8	817.9	1983	84 09 - GPP
16	3.90	0.300	0.20	0.97	20	976	30	6 314	-173.1	867.1	1984	88 12 - ABAND 89 08
16	4.10	0.280	0.30	0.96	23	925	29	5 585	-110.6	795.8	1984	84 01 - ABAND 87 06
16	4.05	0.280	0.25	0.97	15	945	30	5 606	-130.0	808.7	1984	96 07 - GPP
300	3.20	0.270	0.22	0.97	7	914	27	5 680	-132.1	834.7	1984	96 01 - GPP
12	3.28	0.240	0.36	0.97	11	904	30	5 612	-129.7	814.8	1984	97 12 - GPP
494	6.67	0.290	0.17	0.97	10	934	31	5 985	-140.6	835.3	1957	96 09 - GPP
407	5.67	0.280	0.16	0.97	10	928	30	5 804	-137.7	835.5	1956	96 11 - GPP
16	3.50	0.290	0.17	0.97	11	946	29	5 598	-131.4	823.3	1984	88 12 - GPP
264	4.40	0.240	0.31	0.97	10	960	30	6 103	-134.8	817.8	1984	96 08 - GPP
106	3.90	0.300	0.20	0.97	15	920	27	5 455	-101.6	793.3	1983	96 01 - GPP
75	2.29	0.260	0.35	0.97	15	915	30	6 376	-176.1	963.8	1985	96 08 - GPP
32	2.69	0.280	0.21	0.95	12	950	30	6 093	-141.7	829.7	1986	88 07 - GPP
32	2.80	0.230	0.47	0.90	40	930	33	6 678	-200.0	955.8	1987	94 12 - ABAND 88 06
16	3.30	0.200	0.49	0.90	41	876	34	6 482	-208.2	986.4	1987	96 07 - GPP
16	4.20	0.250	0.23	0.94	22	905	27	5 607	-111.6	828.7	1987	89 12 - GPP
16	5.30	0.225	0.28	0.97	7	915	27	5 553	-130.4	789.6	1987	88 06 - ABAND 88 04
66	2.47	0.210	0.40	0.90	33	892	34	6 967	-198.7	1 004.5	1987	93 11 - GPP
32	4.50	0.290	0.10	0.97	7	915	27	6 209	-126.3	789.9	1988	88 07 - ABAND 88 06
32	3.30	0.230	0.23	0.97	7	915	27	6 047	-158.3	834.9	1988	88 08 - GPP
32	6.20	0.290	0.20	0.97	7	915	27	6 218	-131.4	835.9	1988	94 12 - ABAND 94 10
32	2.30	0.290	0.25	0.97	7	914	27	5 614	-147.9	860.9	1988	94 12 - ABAND 91 11
16	3.10	0.240	0.21	0.96	16	931	30	5 558	-142.0	830.4	1985	93 03 - GPP
66	7.55	0.220	0.34	0.97	7	915	27	6 694	-193.3	972.5	1988	97 12 - GPP
32	1.10	0.260	0.57	0.97	7	915	27	6 336	-234.3	987.6	1988	88 11 - ABAND 88 05
32	8.10	0.280	0.23	0.97	7	915	27	5 559	-106.9	782.4	1988	88 11 - GPP
32	1.50	0.240	0.30	0.97	7	914	27	6 163	-151.9	822.3	1988	95 10 - ABAND 93 10
16	4.00	0.250	0.27	0.97	7	915	27	5 097	-130.4	808.0	1988	88 12 - ABAND 89 02
300	4.33	0.270	0.22	0.97	7	915	27	5 236	-137.3	840.2	1988	93 04 - GPP
16	3.53	0.200	0.27	0.97	7	914	27	6 718	-202.5	978.9	1988	96 07 - GPP
8	4.06	0.230	0.54	0.95	18	879	33	6 087	-144.6	913.6	1988	96 07 - GPP
100	2.09	0.250	0.25	0.97	9	935	28	5 887	-141.0	821.9	1988	90 12 - GPP
16	2.80	0.210	0.51	0.97	9	935	28	6 346	-259.7	1 058.8	1988	96 07 - GPP
16	7.00	0.230	0.36	0.97	9	935	28	6 156	-191.4	1 009.0	1988	89 03 - GPP
16	1.60	0.210	0.43	0.97	9	935	28	6 305	-165.2	835.2	1988	89 03 - ABAND 89 11
16	3.50	0.240	0.42	0.97	9	935	28	6 849	-217.7	977.8	1988	95 01 - ABAND 94 11
32	4.27	0.250	0.21	0.97	9	935	28	6 424	-193.3	945.4	1988	93 12 - GPP
16	1.80	0.190	0.48	0.97	9	935	28	6 234	-171.6	921.1	1988	89 04 - ABAND 90 01
4	7.00	0.190	0.50	0.97	9	935	28	5 750	-202.6	991.7	1988	96 07 - GPP
33	2.50	0.240	0.48	0.97	9	935	28	5 817	-133.8	900.2	1988	91 09 - GPP
228	2.90	0.250	0.47	0.97	36	850	38	7 234	-262.4	1 057.5	1981	89 11 - GPP
4	2.80	0.200	0.71	0.97	9	935	28	6 113	-180.4	952.8	1989	96 07 - ABAND 92 11
16	6.40	0.190	0.48	0.97	9	935	28	6 438	-189.9	936.9	1988	96 08 - GPP
16	3.90	0.235	0.43	0.97	9	935	28	6 951	-206.7	955.4	1989	95 04 - ABAND 92 07
65	2.60	0.200	0.47	0.97	9	935	28	5 660	-196.2	958.1	1989	96 07 - ABAND 96 04
206	2.30	0.280	0.27	0.97	11	917	31	5 417	-96.2	788.1	1976	97 12 - GPP
16	3.50	0.300	0.30	0.97	7	910	27	5 321	-93.6	779.0	1984	95 01 - ABAND 94 06
4	7.00	0.280	0.20	0.97	9	935	28	6 200	-174.0	864.1	1989	96 07 - ABAND 97 10
16	8.20	0.220	0.30	0.97	9	935	28	6 200	-173.4	939.4	1989	96 08 - GPP
16	4.00	0.240	0.29	0.97	9	935	28	6 016	-128.4	832.5	1990	95 11 - ABAND 95 09
4	13.00	0.190	0.43	0.97	9	935	28	6 499	-190.5	1 004.2	1989	96 07 - GPP
16	4.40	0.270	0.31	0.97	9	935	28	7 422	-279.5	1 035.4	1990	90 08 - GPP
67	4.21	0.230	0.41	0.97	9	935	28	5 629	-162.2	845.5	1990	91 12 - GPP
4	3.50	0.210	0.40	0.97	9	935	28	5 670	-206.0	959.6	1990	92 07 - ABAND 92 04
8	2.84	0.230	0.42	0.97	9	935	28	5 943	-158.5	863.6	1980	96 07 - ABAND 96 12
32	1.73	0.280	0.35	0.97	9	935	28	5 888	-155.9	827.3	1990	94 10 - GPP
20	2.90	0.270	0.25	0.97	9	935	28	5 585	-109.4	839.2	1990	93 12 - GPP
31	3.60	0.280	0.21	0.97	9	935	28	5 473	-157.2	851.4	1990	91 03 - GPP
16	2.90	0.250	0.29	0.97	9	935	28	6 092	-181.9	923.0	1990	92 12 - ABAND 92 02
165	2.99	0.250	0.34	0.97	9	935	28	5 838	-160.2	856.5	1990	94 12 - GPP
8	5.00	0.210	0.60	0.97	9	935	28	6 164	-214.4	992.3	1989	96 07 - GPP
66	5.35	0.220	0.40	0.92	33	887	34	6 581	-179.1	937.2	1988	92 09 - GPP

TABLE 2-6

FIELD POOL	1	2	3	4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	$10^3 m^3$	frac	frac	$10^3 m^3$	$10^3 m^3$	$10^3 m^3$	$10^3 m^3$	$10^3 m^3$
PROVOST 036-07W4 (CONTINUED)								
DINA C4C	149.0	0.02		3.0		3.0	0.4	2.6
DINA D4D	26.1	<0.01		0.1		0.1	0.1	
DINA F4F	10.2	<0.01		0.1		0.1		0.1
DINA H4H	30.8	<0.06		1.6		1.6	1.6	
DINA J4J	89.2	<0.01		0.3		0.3	0.3	
DINA L4L	23.4	<0.08		1.7		1.7	1.7	
DINA M4M	36.6	<0.11		3.8		3.8	3.8	
DINA O4O	47.5	<0.07		3.0		3.0	3.0	
DINA P4P	29.3	<0.10		2.9		2.9	2.9	
DINA Q4Q	20.0	<0.15		2.9		2.9	2.9	
DINA U4U	44.5	0.25		11.1		11.1	8.7	2.4
DINA Z4Z	33.0	<0.01		0.1		0.1	0.1	
DINA B5B	95.4	<0.01		0.8		0.8	0.8	
DINA C5C	12.8	<0.04		0.5		0.5	0.5	
DINA D5D	30.0	<0.02		0.5		0.5	0.5	
DINA F5F	212.0	0.30		63.6		63.6	24.1	39.5
DINA G5G	32.4	<0.01		0.2		0.2	0.2	
DINA L5L	36.5	0.15		5.5		5.5	2.0	3.5
DINA N5N	68.8	0.11		7.6		7.6	2.9	4.7
DINA O5O	55.3	<0.01		0.4		0.4	0.4	
DINA Z5Z	56.2	<0.01		0.2		0.2	0.2	
DINA B6B	25.9	0.35		9.1		9.1	3.2	5.9
DINA C6C	250.0	0.40		100.0		100.0	67.1	32.9
DINA K6K	22.6	<0.08		1.7		1.7	1.7	
DINA Q6Q	34.6	0.25		8.7		8.7	2.8	5.9
DINA U6U	82.8	0.30		24.8		24.8	6.7	18.1
DINA B7B	44.8	0.20		9.0		9.0	0.8	8.2
DINA D7D	57.9	0.20		11.6		11.6	0.7	10.9
DINA F7F	110.0	0.15		16.5		16.5	1.5	15.0
DINA H7H	17.3	0.20		3.5		3.5	0.9	2.6
BASAL QUARTZ C	9 852.0	0.38		3 744.0		3 744.0	2 674.0	1 070.0
ELLERSLIE A	34.4	<0.04		1.1		1.1	1.1	
ELLERSLIE C	147.0	<0.01		0.4		0.4	0.4	
ELLERSLIE D	1 062.0	0.35		372.0		372.0	320.2	51.8
ELLERSLIE E	52.8	<0.01		0.1		0.1	0.1	
ELLERSLIE F	494.0	0.15		74.1		74.1	23.7	50.4
ELLERSLIE G	92.8	0.20		18.6		18.6	16.3	2.3
ELLERSLIE H	368.0	0.05		18.4		18.4	7.5	10.9
ELLERSLIE J	93.4	0.08		7.5		7.5	4.0	3.5
ELLERSLIE M	68.5	<0.01		0.3		0.3	0.3	
ELLERSLIE P	494.0	0.35		173.0		173.0	96.4	76.6
ELLERSLIE Q	269.0	0.20		53.8		53.8	34.5	19.3
ELLERSLIE T	673.0	0.25		168.0		168.0	106.1	61.9
ELLERSLIE V	41.5	0.20		8.3		8.3	7.4	0.9
ELLERSLIE W	97.3	0.10		9.7		9.7	5.3	4.4
ELLERSLIE AA	63.6	0.20		12.7		12.7	8.2	4.5
ELLERSLIE BB	71.1	0.10		7.1		7.1	5.0	2.1
ELLERSLIE GG	52.2	0.15		7.8		7.8	0.7	7.1
ELLERSLIE KK	98.3	0.20		19.7		19.7	0.4	19.3
ELLERSLIE NN	122.0	0.30		36.6		36.6	14.8	21.8
ELLERSLIE OO	471.0	0.30		141.0		141.0	44.2	96.8
ELLERSLIE PP	286.0	0.03		8.6		8.6	3.1	5.5
ELLERSLIE QQ	32.6	0.05		1.6		1.6	0.6	1.0
ELLERSLIE RR	105.0	<0.01		0.1		0.1	0.1	
ELLERSLIE SS	49.9	0.35		17.5		17.5	6.6	10.9
ELLERSLIE TT	12.0	<0.01		0.1		0.1	0.1	
ELLERSLIE UU	43.4	<0.04		1.4		1.4	1.4	
ELLERSLIE WW	56.8	<0.04		1.8		1.8	1.8	
ELLERSLIE XX	154.0	0.10		15.4		15.4	2.7	12.7
ELLERSLIE FFF	50.3	0.05		2.5		2.5	1.5	1.0
ELLERSLIE GGG	32.6	0.20		6.5		6.5	1.2	5.3
ELLERSLIE QQQ	32.4	0.10		3.2		3.2	1.0	2.2
ELLERSLIE RRR	177.0	0.30		53.1		53.1	18.9	34.2
ELLERSLIE G2G	34.5	0.10		3.5		3.5	0.5	3.0
FIELD TOTAL *	208 025.4			32 386.6	4 512.6	36 899.8	25 968.0	10 931.8
RAINIER 017-15W4								
LOWER MANNVILLE C	154.0	<0.02		2.5		2.5	2.5	
BASAL QUARTZ A	38.3	<0.01		0.2		0.2	0.2	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
16	10.40	0.210	0.56	0.97	9	935	28	6 927	-223.6	1 014.0	1990	97 12 - GPP
16	2.00	0.210	0.60	0.97	9	935	20	6 809	-205.3	932.1	1991	96 07 - ABAND 97 06
4	1.90	0.230	0.40	0.97	9	935	28	6 653	-199.0	968.0	1990	95 08 - ABAND 96 12
16	1.20	0.240	0.31	0.97	9	935	28	7 222	-256.6	1 009.6	1991	97 12 - ABAND 97 09
16	3.30	0.260	0.33	0.97	9	935	28	5 605	-154.7	824.9	1991	94 07 - ABAND 94 05
4	3.60	0.250	0.33	0.97	9	935	28	5 389	-202.1	955.4	1991	95 09 - ABAND 95 06
16	1.60	0.250	0.41	0.97	9	935	28	6 400	-265.4	1 065.2	1988	96 07 - GPP
4	7.00	0.250	0.30	0.97	9	935	28	5 622	-160.4	850.7	1990	93 02 - ABAND 92 12
4	4.70	0.240	0.33	0.97	9	935	28	5 860	-160.1	836.4	1991	96 07 - GPP
16	1.10	0.240	0.51	0.97	9	935	28	6 029	-204.4	959.7	1991	97 07 - ABAND 97 05
8	3.50	0.230	0.28	0.96	14	868	33	6 037	-211.5	989.9	1990	97 12 - GPP
4	4.50	0.270	0.30	0.97	9	935	28	5 961	-147.1	829.0	1991	92 11 - GPP
16	4.00	0.240	0.36	0.97	9	935	28	5 630	-205.6	966.0	1992	94 05 - ABAND 94 03
4	3.00	0.220	0.50	0.97	9	935	28	6 195	-205.3	949.5	1991	92 12 - ABAND 92 09
4	4.12	0.250	0.25	0.97	9	935	28	6 209	-181.9	949.8	1992	96 02 - ABAND 95 10
32	4.24	0.230	0.30	0.97	9	935	28	6 279	-164.8	838.5	1990	93 01 - GPP
4	4.30	0.270	0.28	0.97	9	935	28	4 818	-142.0	836.4	1992	94 02 - ABAND 93 10
16	2.00	0.240	0.51	0.97	9	935	28	6 206	-205.6	928.3	1992	93 05 - GPP
16	3.10	0.260	0.45	0.97	9	935	28	5 101	-163.3	840.3	1993	96 08 - GPP
16	2.50	0.190	0.25	0.97	9	935	28	6 026	-202.7	969.8	1989	96 07 - GPP
16	2.00	0.270	0.33	0.97	7	915	27	5 639	-169.2	860.0	1993	96 07 - GPP
4	4.20	0.230	0.31	0.97	7	915	27	6 471	-179.1	893.9	1994	94 08 - GPP
31	3.66	0.280	0.19	0.97	9	935	28	5 434	-167.4	878.6	1994	97 03 - GPP
4	2.70	0.270	0.20	0.97	9	935	28	5 828	-160.9	852.7	1994	97 01 - ABAND 96 10
8	2.50	0.270	0.34	0.97	10	890	31	4 312	-210.2	976.5	1994	96 02 - GPP
12	3.49	0.290	0.29	0.96	20	935	29	2 395	-163.3	841.8	1995	96 12 - GPP
8	2.70	0.270	0.20	0.96	15	869	33	3 357	-149.6	831.8	1996	97 03 - GPP
8	4.70	0.260	0.37	0.94	20	945	29		-246.7	1 031.4	1996	97 06 - GPP
8	6.80	0.260	0.18	0.95	19	935	28		-168.6	877.3	1996	97 06 - GPP
4	2.60	0.270	0.35	0.95	19	935	28		-156.5	837.0	1996	97 08 - GPP
550	8.20	0.280	0.17	0.94	25	921	33	5 912	-150.6	895.7	1975	96 08 - GPP
32	1.50	0.130	0.40	0.92	34	917	35	5 820	-158.2	914.1	1981	85 12 - ABAND 84 08
64	3.00	0.173	0.52	0.92	37	897	21	6 330	-226.9	963.5	1985	89 12 - ABAND 95 12
178	3.70	0.240	0.27	0.92	32	912	34	6 464	-241.1	979.3	1982	93 10 - GPP
64	1.40	0.160	0.60	0.92	31	864	30	7 629	-298.3	1 080.5	1986	87 05 - ABAND 88 05
64	4.30	0.260	0.25	0.92	40	900	32	7 158	-305.3	1 054.4	1987	97 03 - GPP
16	3.98	0.210	0.27	0.95	16	909	34	6 607	-244.5	1 039.1	1987	89 05 - GPP
32	5.60	0.260	0.16	0.94	28	924	31	6 412	-249.7	990.5	1988	96 11 - GPP
16	4.50	0.230	0.40	0.94	28	924	31	7 413	-273.7	1 044.9	1988	96 12 - GPP
16	3.00	0.220	0.31	0.94	28	924	31	6 781	-222.9	1 030.5	1989	94 10 - ABAND 94 08
134	2.28	0.230	0.26	0.95	16	908	34	6 452	-216.3	1 023.0	1991	96 09 - GPP
67	2.78	0.220	0.31	0.95	16	908	34	6 331	-260.9	990.1	1991	92 04 - GPP
116	3.35	0.240	0.24	0.95	16	908	34	6 147	-244.9	973.2	1991	93 12 - GPP
4	5.00	0.280	0.22	0.95	16	909	34	6 063	-211.1	977.1	1992	95 12 - GPP
32	2.00	0.250	0.36	0.95	16	908	34	6 177	-243.0	975.0	1992	92 09 - GPP
16	2.50	0.240	0.31	0.96	15	865	33	6 793	-224.2	1 044.0	1992	93 12 - GPP
16	2.67	0.240	0.27	0.95	16	908	34	6 252	-246.2	975.6	1992	96 08 - GPP
32	1.30	0.220	0.40	0.95	16	908	34	5 986	-284.3	1 004.4	1994	95 07 - GPP
32	2.20	0.270	0.45	0.94	26	905	28	6 893	-299.5	1 072.6	1995	95 12
16	5.70	0.240	0.40	0.93	32	900	30	7 719	-298.0	1 080.8	1995	96 07 - GPP
96	3.15	0.250	0.33	0.93	27	900	40	6 369	-289.7	1 072.2	1996	97 09 - GPP
32	4.28	0.290	0.20	0.90	28	922	31	6 784	-159.3	917.5	1984	97 05 - GPP
4	5.60	0.200	0.25	0.97	9	935	28	5 712	-159.8	909.0	1989	97 05 - GPP
16	4.10	0.230	0.28	0.97	9	935	28	6 322	-186.8	916.6	1990	96 07 - GPP
8	4.06	0.220	0.28	0.97	9	935	28	5 800	-216.6	1 003.1	1990	91 04 - GPP
4	2.20	0.220	0.36	0.97	9	970	28	5 999	-213.9	989.0	1990	93 08 - ABAND 93 03
8	3.70	0.240	0.37	0.97	9	935	28	5 618	-212.8	993.3	1991	96 07 - ABAND 93 12
16	3.20	0.210	0.45	0.96	9	935	28	5 613	-212.2	958.8	1992	96 07 - GPP
12	6.40	0.280	0.26	0.97	9	935	28	3 035	-182.9	930.4	1992	95 12 - GPP
8	3.20	0.250	0.19	0.97	11	903	28	5 972	-244.6	1 026.0	1994	97 09 - GPP
4	4.00	0.280	0.20	0.91	29	880	33	5 702	-143.9	883.4	1995	96 01 - GPP
16	2.00	0.200	0.45	0.92	48	897	37	7 669	-337.5	1 108.5	1994	96 11
60	1.80	0.260	0.33	0.94	23	900	40	5 650	-286.9	1 071.8	1996	97 12 - GPP
16	1.40	0.270	0.40	0.95	16	908	34		-212.1	978.3	1996	97 11 - GPP
32	2.74	0.290	0.31	0.88	45	869	29	11 176	-283.0	1 062.1	1964	75 12 - ABAND 67 05
32	1.40	0.160	0.40	0.89	40	905	21	11 296	-279.2	1 066.3	1980	84 12 - ABAND 86 10

TABLE 2-6

	1	2	3	4	5	6	7	8
		RECOVERY		INITIAL ESTABLISHED RESERVES				
FIELD POOL	INITIAL VOLUME IN PLACE 10^3m^3	PRIMARY frac	ENHANCED frac	PRIMARY 10^3m^3	ENHANCED 10^3m^3	TOTAL 10^3m^3	CUMULATIVE PRODUCTION 10^3m^3	REMAINING ESTABLISHED RESERVES 10^3m^3
RAINIER 017-15W4 (CONTINUED)								
FIELD TOTAL	192.3			2.7		2.7	2.7	
RED COULEE 001-17W4								
CUTBANK B	1 010.0	0.05		50.5		50.5	48.4	2.1
CUTBANK C	158.0	0.03		4.7		4.7	2.3	2.4
RUNDLE A	86.8	0.15		13.0		13.0	12.6	0.4
RUNDLE B	36.2	0.02		0.7		0.7	0.7	
FIELD TOTAL *	1 291.0			68.9		68.9	64.0	4.9
REDWATER 056-19W4								
ELLERSLIE D	105.0	0.15		15.8		15.8	10.9	4.9
ELLERSLIE E	76.3	<0.04		2.8		2.8	2.8	
ELLERSLIE F	40.8	0.15		6.1		6.1	5.2	0.9
ELLERSLIE FF	223.0	0.10		22.3		22.3	8.1	14.2
FIELD TOTAL *	445.1			47.0		47.0	27.0	20.0
RETLAW 012-18W4								
MANNVILLE I	1 270.0	0.12		152.0		152.0	149.8	2.2
MANNVILLE O	124.0	<0.02		1.7		1.7	1.7	
MANNVILLE Q	183.0	<0.01		0.1		0.1	0.1	
MANNVILLE R	238.0	0.10		23.8		23.8	16.7	7.1
MANNVILLE V WATER FLOOD	1 860.0	0.10	0.08	186.0	149.0	335.0	232.3	102.7
MANNVILLE W	371.0	0.04		14.8		14.8	12.9	1.9
MANNVILLE Y	222.0	0.10		22.2		22.2	6.6	15.6
MANNVILLE EE	524.0	0.06		31.4		31.4	23.3	8.1
MANNVILLE FF	178.0	<0.01		0.1		0.1	0.1	
MANNVILLE GG	92.7	<0.01		0.1		0.1	0.1	
MANNVILLE II	288.0	0.03		8.6		8.6	5.0	3.6
MANNVILLE KK	61.3	<0.10		5.8		5.8	5.8	
MANNVILLE LL TOTAL	2 397.0			480.0	80.7	561.0	467.6	93.4
PRIMARY AREA	1 244.0	0.20		249.0		249.0		
WATER FLOOD AREA	1 153.0	0.20	0.07	231.0	80.7	312.0		
MANNVILLE MM	90.4	<0.01		0.4		0.4	0.4	
MANNVILLE PP	347.0	0.20		69.4		69.4	46.7	22.7
MANNVILLE RR	31.8	0.10		3.1		3.1	0.8	2.3
MANNVILLE TT	438.0	0.05		21.9		21.9	17.0	4.9
MANNVILLE UU	44.8	<0.01		0.1		0.1	0.1	
MANNVILLE A & X3X	1 471.0	0.10		147.0		147.0	68.7	78.3
MANNVILLE AAA	195.0	0.03		5.9		5.9	1.9	4.0
MANNVILLE BBB	1 300.0	0.03		39.0		39.0	34.3	4.7
MANNVILLE CCC	290.0	<0.02		4.0		4.0	4.0	
MANNVILLE DDD	52.8	<0.01		0.1		0.1	0.1	
MANNVILLE JJJ	54.1	<0.03		1.5		1.5	1.5	
MANNVILLE KKK	105.0	0.10		10.5		10.5	1.8	8.7
MANNVILLE NNN	187.0	<0.06		10.2		10.2	10.2	
MANNVILLE OOO	97.3	<0.10		8.9		8.9	8.9	
MANNVILLE RRR	473.0	0.05		23.7		23.7	23.5	0.2
MANNVILLE TTT	21.3	0.05		1.1		1.1	1.1	
MANNVILLE WWW	60.2	<0.01		0.2		0.2	0.2	
MANNVILLE YYY	48.4	<0.01		0.2		0.2	0.2	
MANNVILLE A2A	66.6	<0.02		0.8		0.8	0.8	
MANNVILLE B2B	44.1	<0.01		0.1		0.1	0.1	
MANNVILLE F2F	76.0	<0.01		0.4		0.4	0.4	
MANNVILLE G2G	405.0	0.03		12.2		12.2	12.1	0.1
MANNVILLE N2N	57.4	<0.01		0.1		0.1	0.1	
MANNVILLE P2P	55.0	0.10		5.5		5.5	4.0	1.5
MANNVILLE Q2Q	116.0	<0.03		2.7		2.7	2.7	
MANNVILLE R2R	25.3	<0.01		0.1		0.1	0.1	
MANNVILLE T2T	41.4	0.10		4.1		4.1	3.9	0.2
MANNVILLE D3D	23.1	0.03		0.7		0.7	0.7	
MANNVILLE H3H	99.8	0.25		25.0		25.0	12.4	12.6
MANNVILLE I3I	43.4	0.10		4.3		4.3	2.1	2.2
MANNVILLE K3K	142.0	<0.02		2.7		2.7	2.7	
MANNVILLE S3S	98.2	0.10		9.8		9.8	1.9	7.9
MANNVILLE T3T	26.6	<0.01		0.1		0.1	0.1	
MANNVILLE V3V WATER FLOOD	460.0	0.20	0.10	92.0	46.0	138.0	48.5	89.5
MANNVILLE W3W	145.0	0.10		14.5		14.5	14.3	0.2

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
229	4.18	0.180	0.37	0.93	32	904	27	6 106	319.1	846.0	1960	85 12 - GPP
32	5.91	0.180	0.42	0.80	32	904	30	6 112	313.2	896.0	1966	86 02 - GPP
25	5.61	0.110	0.25	0.75	32	910	28	6 348	277.5	948.1	1960	90 12 - GPP
16	3.66	0.110	0.25	0.75	32	904	28	5 854	282.6	879.7	1966	77 04 - GPP
32	1.90	0.270	0.29	0.90	38	915	32	5 386	-185.3	818.6	1981	97 12 - GPP
16	2.50	0.270	0.24	0.93	31	952	31	5 802	-193.2	826.3	1991	94 11 - ABAND 93 01
16	2.33	0.240	0.43	0.80	27	915	30	5 587	-187.7	821.5	1991	96 06 - GPP
16	8.90	0.230	0.29	0.96	18	939	27	5 221	-188.8	825.5	1995	96 11 - GPP
454	2.13	0.218	0.30	0.86	64	921	39	11 649	-268.5	1 096.5	1964	88 12 - GPP
65	1.77	0.172	0.27	0.86	45	946	37	11 835	-261.1	1 112.7	1970	72 02 - ABAND 72 10
65	2.74	0.190	0.37	0.86	66	921	41	12 003	-262.0	1 102.9	1971	74 04 - ABAND 74 03
96	2.25	0.197	0.35	0.86	14	921	38	11 623	-265.4	1 091.6	1974	97 12 - GPP
1 061	1.52	0.180	0.28	0.89	57	946	32	12 020	-227.8	1 067.3	1971	96 12 - GPP
96	3.53	0.185	0.32	0.87	57	921	32	12 100	-282.9	1 134.4	1976	87 03 - GPP
32	6.00	0.210	0.38	0.89	57	910	36	7 947	-258.3	1 092.0	1992	92 08 - GPP
264	1.86	0.200	0.38	0.86	62	910	34	11 489	-222.3	1 091.6	1978	96 10 - GPP
65	3.05	0.160	0.35	0.87	59	910	35	11 751	-250.1	1 121.0	1978	78 12 - ABAND 82 07
16	5.50	0.180	0.35	0.90	44	965	35	11 812	-258.5	1 108.5	1978	82 12
128	3.70	0.100	0.30	0.87	64	921	33	11 619	-264.9	1 095.6	1978	80 12 - GPP
64	3.04	0.050	0.25	0.84	73	896	33	10 671	-246.6	1 091.8	1977	96 07 - GPP
408					70	891	38	11 778	-255.7	1 083.4	1979	94 07
237	3.58	0.230	0.25	0.85								
171	4.54	0.230	0.24	0.85								
32	1.80	0.220	0.18	0.87	50	922	37	11 568	-258.8	1 093.0	1979	85 12 - GPP
64	4.50	0.210	0.34	0.87	89	916	37	11 647	-241.8	1 074.8	1979	95 12 - GPP
64	0.60	0.150	0.35	0.85	66	886	30	11 668	-253.7	1 074.1	1964	97 09
64	9.36	0.140	0.40	0.87	58	900	37	11 170	-244.4	1 080.1	1980	91 03 - GPP
16	2.78	0.180	0.35	0.86	66	959	35	10 433	-258.4	1 104.1	1980	83 12
790	1.93	0.180	0.33	0.80	64	870	34	11 644	-280.7	1 113.7	1959	95 12 - GPP
16	17.97	0.150	0.48	0.87	54	917	32	11 252	-241.1	1 075.7	1980	93 12 - GPP
423	2.93	0.180	0.33	0.87	60	915	37	11 882	-236.4	1 046.1	1981	96 08 - GPP
64	2.50	0.270	0.20	0.84	75	896	35	11 900	-257.4	1 107.9	1981	84 12 - GPP
64	0.80	0.160	0.25	0.86	64	885	30	11 968	-260.0	1 078.0	1980	83 12
32	1.30	0.240	0.37	0.86	60	930	32	11 803	-259.7	1 101.4	1981	84 12 - ABAND 83 10
32	3.70	0.188	0.45	0.86	68	921	33	11 655	-261.9	1 105.3	1972	84 12 - GPP
65	3.00	0.170	0.35	0.87	62	870	33	11 470	-236.8	1 097.4	1980	96 07 - GPP
32	3.40	0.160	0.35	0.86	62	925	32	11 504	-240.4	1 113.0	1978	96 07 - GPP
192	2.07	0.206	0.32	0.85	73	896	33	11 334	-261.5	1 096.0	1963	85 09 - GPP
16	1.14	0.180	0.27	0.89	56	911	36	11 564	-258.5	1 097.6	1982	88 12 - ABAND 83 10
64	1.10	0.180	0.46	0.88	56	899	34	11 464	-269.9	1 097.3	1983	83 06 - ABAND 89 11
16	2.00	0.220	0.20	0.86	62	887	32	10 714	-256.2	1 097.7	1983	84 03 - ABAND 84 02
32	1.70	0.180	0.20	0.85	73	896	33	10 456	-224.7	1 066.9	1984	85 06 - ABAND 84 11
32	1.50	0.180	0.40	0.85	64	920	33	11 727	-268.1	1 094.7	1960	88 12
16	4.00	0.200	0.34	0.90	44	990	33	12 848	-326.8	1 161.0	1984	85 06 - ABAND 87 08
32	6.50	0.270	0.19	0.89	57	910	36	11 386	-229.6	1 091.1	1980	92 12 - GPP
32	3.00	0.160	0.56	0.85	65	925	30	11 762	-304.0	1 138.6	1987	88 01 - ABAND 88 01
64	0.80	0.170	0.22	0.81	92	872	31	11 975	-255.8	1 076.5	1988	88 07 - GPP
16	16.60	0.110	0.56	0.90	62	950	92	11 143	-261.2	1 067.0	1980	96 07 - GPP
16	1.50	0.190	0.41	0.94	20	884	33	10 749	-261.7	1 129.3	1988	92 03 - ABAND 91 10
32	1.20	0.190	0.34	0.86	64	921	33	11 577	-270.0	1 100.3	1960	89 09 - GPP
16	1.50	0.170	0.37	0.90	65	897	32	11 166	-239.0	1 113.9	1990	96 07
64	1.39	0.200	0.34	0.85	73	896	33	11 309	-302.0	1 163.7	1985	93 11 - GPP
16	3.50	0.170	0.53	0.97	11	942	31	11 644	-277.5	1 108.3	1991	92 12 - GPP
16	7.60	0.220	0.36	0.83	92	898	31	10 056	-249.4	1 078.0	1991	96 07 - GPP
16	10.50	0.170	0.60	0.86	64	921	33	11 762	-240.8	1 083.4	1993	94 09 - GPP
16	2.20	0.150	0.44	0.90	63	889	37	11 692	-265.9	1 103.2	1993	96 07 - GPP
85	3.64	0.240	0.28	0.86	83	890	35	11 311	-260.1	1 092.7	1995	97 07 - GPP
32	3.53	0.210	0.29	0.86	64	921	33	12 140	-310.0	1 139.6	1995	96 10

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 INITIAL ESTABLISHED RESERVES ENHANCED 10^3m^3	6 INITIAL ESTABLISHED RESERVES TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
RETLAW 012-18W4 (CONTINUED)								
MANNVILLE E4E	50.7	0.15		7.6		7.6	0.8	6.8
FIELD TOTAL *	15 091.7			1 456.5	275.7	1 732.5	1 251.1	481.4
RIBSTONE 043-04W4								
SPARKY A	3 184.0	0.07		223.0		223.0	164.2	58.8
SPARKY B	162.0	0.15		24.3		24.3	20.1	4.2
GENERAL PETROLEUM A	71.5	<0.06		3.7		3.7	3.7	
LLOYDMINSTER A	373.0	0.02		7.5		7.5	4.8	2.7
LLOYDMINSTER B	163.0	0.01		1.6		1.6	1.6	
LLOYDMINSTER C	41.9	<0.01		0.1		0.1	0.1	
LLOYDMINSTER D	28.2	<0.03		0.8		0.8	0.8	
NISKU B	506.0	0.10		50.6		50.6	34.2	16.4
NISKU D	267.0	0.07		18.7		18.7	14.8	3.9
NISKU E	267.0	0.05		13.3		13.3	3.9	9.4
NISKU A & CAMROSE A	1 031.0	0.15		155.0		155.0	110.7	44.3
FIELD TOTAL	6 094.6			498.6		498.6	358.9	139.7
RICHDALE 030-13W4								
LOWER MANNVILLE G	80.0	0.15		12.0		12.0	10.3	1.7
LOWER MANNVILLE EE	83.9	0.10		8.4		8.4	0.9	7.5
FIELD TOTAL *	163.9			20.4		20.4	11.2	9.2
RIVERCOURSE 047-01W4								
COLONY A	496.0	0.10		49.6		49.6	18.0	31.6
COLONY G	8 225.0	<0.01		20.0		20.0	7.8	12.2
COLONY H	290.0	0.20		58.0		58.0	23.6	34.4
COLONY I	89.4	0.05		4.5		4.5	1.5	3.0
SPARKY A	307.0	0.10		30.7		30.7	29.5	1.2
SPARKY D	696.0	0.06		41.8		41.8	25.4	16.4
SPARKY E	65.2	<0.02		1.3		1.3	1.3	
SPARKY G	148.0	<0.03		3.2		3.2	3.2	
GENERAL PETROLEUM C	129.0	0.10		12.9		12.9	3.1	9.8
GENERAL PETROLEUM D	120.0	0.05		6.0		6.0	0.3	5.7
CUMMINGS A	7 066.0	0.03		212.0		212.0	137.7	74.3
FIELD TOTAL	17 631.6			440.0		440.0	251.4	188.6
RIVIERE 055-27W4								
ELLERSLIE C	30.6	<0.01		0.3		0.3	0.3	
FIELD TOTAL *	30.6			0.3		0.3	0.3	
RONALANE 013-12W4								
LOWER MANNVILLE A	147.0	<0.01		1.2		1.2	1.2	
LOWER MANNVILLE E	314.0	0.06		18.8		18.8	11.2	7.6
SAWTOOTH A	196.0	<0.08		15.0		15.0	12.2	2.8
SAWTOOTH B	5 083.0	0.30		1 525.0		1 525.0	1 202.6	322.4
SAWTOOTH C	1 050.0	0.25		263.0		263.0	236.1	26.9
SAWTOOTH G	177.0	0.30		53.1		53.1	35.6	17.5
SAWTOOTH J	1 022.0	0.10		102.0		102.0	65.5	36.5
SAWTOOTH K	1 231.0	0.40		492.0		492.0	411.2	80.8
SAWTOOTH L	750.0	<0.03		17.2		17.2	17.2	
SAWTOOTH O	585.0	0.30		176.0		176.0	153.9	22.1
SAWTOOTH P	236.0	0.28		66.1		66.1	52.0	14.1
SAWTOOTH Q	44.3	<0.03		1.1		1.1	1.1	
SAWTOOTH R	73.3	<0.02		1.1		1.1	1.1	
SAWTOOTH S	173.0	0.30		51.9		51.9	42.7	9.2
SAWTOOTH T	105.0	<0.01		0.3		0.3	0.3	
SAWTOOTH U	127.0	<0.03		3.0		3.0	3.0	
SAWTOOTH V	2 167.0	0.15		325.0		325.0	228.2	96.8
SAWTOOTH W	57.3	0.01		0.6		0.6	0.6	
SAWTOOTH X	19.1	<0.01		0.1		0.1	0.1	
SAWTOOTH Y	188.0	<0.01		1.0		1.0	1.0	
SAWTOOTH Z	224.0	0.20		44.8		44.8	16.3	28.5
SAWTOOTH AA	57.7	<0.06		3.4		3.4	3.4	
SAWTOOTH BB	109.0	<0.02		1.4		1.4	1.4	
SAWTOOTH DD	143.0	0.10		14.3		14.3	8.9	5.4
SAWTOOTH EE	165.0	0.10		16.5		16.5	7.5	9.0

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
16	2.50	0.210	0.33	0.90	65	897	32	11 791	-313.4	1 146.8	1996	97 04
230	9.40	0.260	0.41	0.96	80	915	29	4 715	-18.1	701.1	1979	96 09 - GPP
43	2.76	0.250	0.43	0.96	15	956	29	4 605	-15.0	673.2	1971	97 12 - GPP
32	1.21	0.280	0.32	0.97	11	952	30	5 053	-20.6	652.6	1985	87 12 - ABAND 91 08
65	3.05	0.280	0.30	0.96	40	946	29	5 070	-22.5	661.1	1972	77 12 - GPP
32	2.40	0.300	0.27	0.97	14	939	26	4 480	-6.7	642.5	1972	88 12
16	1.80	0.300	0.50	0.97	12	959	42	4 754	-37.0	666.9	1986	87 01 - ABAND 89 03
16	0.90	0.300	0.32	0.96	16	984	27	5 206	-45.2	689.9	1976	92 10 - ABAND 95 06
48	9.84	0.180	0.38	0.96	16	955	27	4 560	-26.7	727.2	1985	97 08 - GPP
32	6.61	0.180	0.27	0.96	16	955	27	4 107	-12.6	662.1	1985	96 12
48	5.29	0.148	0.26	0.96	16	953	26	5 329	-19.5	724.3	1973	88 07 - GPP
144	8.07	0.150	0.39	0.97	16	959	29	4 578	-20.3	661.8	1985	97 12 - GPP
64	1.53	0.170	0.46	0.89	44	916	38	9 565	-294.5	1 104.3	1978	85 12 - GPP
32	2.00	0.240	0.40	0.91	39	910	45	9 256	-290.4	1 063.4	1995	96 09 - GPP
262	1.00	0.300	0.35	0.97	9	946	24	3 580	110.8	528.3	1965	96 11
995	3.64	0.310	0.26	0.99	9	971	25	3 610	111.2	532.3	1981	97 08
100	1.70	0.300	0.42	0.98	8	979	30	3 609	108.1	551.8	1983	96 12 - GPP
32	1.53	0.270	0.31	0.98	8	979	30	3 613	112.2	534.3	1978	97 05 - GPP
48	2.56	0.300	0.16	0.99	5	965	23	3 545	63.8	570.7	1974	84 12 - GPP
80	3.49	0.300	0.16	0.99	9	970	23	4 121	54.9	590.3	1978	97 12 - GPP
16	2.00	0.300	0.30	0.97	12	950	23	4 295	56.9	606.2	1978	92 10
16	4.50	0.300	0.30	0.98	8	980	22	4 260	60.6	599.3	1983	96 04 - ABAND 96 01
16	3.70	0.300	0.25	0.97	11	980	28	4 283	58.2	595.5	1995	96 07 - GPP
16	3.10	0.320	0.23	0.98	8	979	30	4 307	55.7	608.4	1995	96 10 - GPP
664	4.74	0.290	0.21	0.98	9	989	22	4 796	4.6	645.4	1977	97 04 - GPP
16	2.50	0.170	0.50	0.90	38	965	42	8 529	-560.3	1 240.8	1978	96 07
32	3.05	0.270	0.35	0.86	66	887	33	10 903	-175.9	952.5	1972	83 12 - ABAND 87 12
32	9.40	0.200	0.42	0.90	42	925	31	10 372	-170.2	920.2	1984	97 12 - GPP
16	8.40	0.250	0.40	0.97	10	950	33	10 487	-179.9	957.4	1985	97 12 - GPP
580	6.20	0.240	0.38	0.95	29	900	32	11 144	-170.5	945.8	1985	97 12 - GPP
232	4.30	0.240	0.49	0.86	67	881	27	10 953	-164.3	917.7	1975	97 09 - GPP
32	4.41	0.240	0.45	0.95	17	908	33	10 759	-179.7	947.3	1986	96 12 - GPP
94	6.29	0.260	0.30	0.95	18	919	33	10 042	-174.8	937.9	1986	95 06 - GPP
274	3.69	0.240	0.41	0.86	40	870	32	10 919	-166.8	937.7	1967	96 09 - GPP
64	6.50	0.280	0.30	0.92	30	884	33	10 725	-182.3	905.8	1986	92 10 - ABAND 92 07
80	4.70	0.260	0.37	0.95	18	932	33	10 495	-180.6	943.0	1987	93 12 - GPP
32	3.57	0.275	0.21	0.95	18	931	33	10 507	-171.3	948.4	1986	93 12 - GPP
16	4.50	0.240	0.73	0.95	18	931	33	9 943	-153.7	925.3	1988	94 10 - ABAND 91 01
16	5.50	0.200	0.51	0.85	64	919	28	9 341	-187.9	942.0	1988	96 07
64	2.28	0.240	0.48	0.95	18	932	33	10 729	-183.3	946.8	1989	95 12 - GPP
16	5.00	0.230	0.40	0.95	18	931	33	10 746	-184.7	962.5	1988	95 12 - ABAND 95 10
16	5.50	0.220	0.31	0.95	18	931	33	10 686	-176.7	950.5	1990	96 07 - GPP
263	5.83	0.240	0.38	0.95	15	940	34	10 685	-174.1	955.2	1985	91 10 - GPP
16	3.10	0.230	0.46	0.93	25	882	35	10 261	-172.9	891.8	1990	96 07 - GPP
16	1.30	0.220	0.56	0.95	18	931	33	12 832	-163.5	926.8	1990	95 07 - ABAND 94 10
16	7.50	0.250	0.34	0.95	18	931	33	10 808	-192.2	938.3	1990	96 07 - GPP
32	4.43	0.260	0.36	0.95	18	931	33	7 724	-168.6	885.4	1991	91 11 - GPP
16	2.89	0.220	0.39	0.93	25	849	35	9 359	-190.3	965.3	1991	96 07 - ABAND 96 10
16	4.60	0.230	0.31	0.93	29	965	33	7 423	-175.1	959.8	1991	96 07 - GPP
16	9.10	0.230	0.54	0.93	29	965	33	8 362	-177.3	957.5	1990	92 05 - GPP
32	4.00	0.230	0.41	0.95	14	906	34	9 296	-181.9	935.2	1991	92 11 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 INITIAL ESTABLISHED RESERVES ENHANCED 10^3m^3	6 INITIAL ESTABLISHED RESERVES TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
RONALANE 013-12W4 (CONTINUED)								
SAWTOOTH FF	69.9	0.05		3.5		3.5	0.4	3.1
SAWTOOTH GG	61.5	<0.01		0.1		0.1	0.1	
SAWTOOTH HH	267.0	0.15		40.1		40.1	19.7	20.4
SAWTOOTH II	28.5	<0.01		0.1		0.1	0.1	
SAWTOOTH JJ	58.9	0.05		2.9		2.9	1.8	1.1
SAWTOOTH KK	41.1	0.15		6.2		6.2	1.1	5.1
SAWTOOTH LL	118.0	<0.01		0.3		0.3	0.3	
FIELD TOTAL *	15 088.6			3 247.1		3 247.1	2 537.8	709.3
RUMSEY 033-21W4								
GLAUCONITIC F	204.0	<0.01		0.4		0.4	0.4	
LOWER MANNVILLE E	38.9	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE F	209.0	<0.08		15.0		15.0	15.0	
FIELD TOTAL *	451.9			15.6		15.6	15.6	
SEDGEWICK 042-12W4								
BASAL MANNVILLE C	729.0	0.10		72.9		72.9	16.4	56.5
FIELD TOTAL	729.0			72.9		72.9	16.4	56.5
SIBBALD 027-02W4								
UPPER MANNVILLE C TOTAL	5 542.0			347.0	1 198.0	1 545.0	1 299.7	245.3
PRIMARY AREA	751.0	0.08		60.1		60.1		
WATER FLOOD AREA	4 791.0	0.06	0.25	287.0	1 198.0	1 485.0		
LOWER MANNVILLE B	138.0	<0.01		0.1		0.1	0.1	
NISKU A	94.5	0.15		14.2		14.2	2.2	12.0
FIELD TOTAL	5 774.5			361.3	1 198.0	1 559.3	1 302.0	257.3
SKIFF 005-14W4								
SAWTOOTH A TOTAL	1 431.0			215.0	64.3	279.0	220.4	58.6
PRIMARY AREA	627.0	0.15		94.1		94.1		
WATER FLOOD AREA	804.0	0.15	0.08	121.0	64.3	185.0		
SAWTOOTH B	133.0	0.10		13.3		13.3	11.4	1.9
SAWTOOTH C	12.1	<0.08		0.9		0.9	0.9	
SAWTOOTH E	37.0	0.10		3.7		3.7	0.5	3.2
FIELD TOTAL	1 613.1			232.9	64.3	296.9	233.2	63.7
ST ANNE 054-05W5								
NORDEGG A	943.0	0.05		47.2		47.2	27.4	19.8
BANFF A	488.0	0.10		48.8		48.8	36.4	12.4
BANFF B	193.0	<0.01		1.7		1.7	1.6	0.1
BANFF F	89.5	<0.04		2.8		2.8	2.8	
BANFF G	37.1	0.25		9.3		9.3	7.9	1.4
BANFF H	319.0	<0.01		0.2		0.2	0.2	
BANFF I	72.8	0.05		3.6		3.6	2.8	0.8
BANFF K	2 500.0	0.05		125.0		125.0	82.1	42.9
BANFF L	109.0	<0.02		1.1		1.1	1.1	
BANFF C & D	1 672.0	0.10		167.0		167.0	137.9	29.1
FIELD TOTAL	6 423.4			406.7		406.7	300.2	106.5
STANMORE 028-10W4								
UPPER MANNVILLE KK	75.0	0.25		18.8		18.8	12.3	6.5
BANFF A	37.5	0.10		3.8		3.8	1.4	2.4
FIELD TOTAL *	112.5			22.6		22.6	13.7	8.9
STEELE 065-25W4								
GRAND RAPIDS S	358.0	<0.01		0.3		0.3	0.3	
FIELD TOTAL	358.0			0.3		0.3	0.3	
STROME 043-16W4								
GLAUCONITIC S	20.3	<0.01		0.1		0.1	0.1	
ELLERSLIE A	37.3	0.06		2.2		2.2	2.2	
ELLERSLIE C	109.0	<0.01		0.1		0.1	0.1	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
32	1.90	0.220	0.45	0.95	14	906	34	9 148	-153.7	916.6	1992	96 11 - GPP
16	4.70	0.220	0.60	0.93	25	882	35	10 999	-177.1	939.7	1988	96 07 - GPP
32	5.46	0.240	0.33	0.95	18	931	33	10 497	-180.8	952.6	1993	93 11 - GPP
15	1.60	0.250	0.50	0.95	18	931	33	10 546	-186.3	945.5	1993	96 07 - GPP
16	3.20	0.220	0.45	0.95	18	931	33	10 513	-182.6	953.9	1993	94 11 - GPP
16	3.00	0.230	0.60	0.93	34	891	32	8 541	-161.9	905.0	1994	95 08 - GPP
16	6.00	0.240	0.46	0.95	18	931	33	10 843	-191.8	956.0	1994	96 07 - GPP
64	4.40	0.170	0.50	0.85	50	900	44	10 120	-547.6	1 403.8	1984	85 11 - ABAND 86 09
16	4.00	0.130	0.43	0.82	66	882	53	8 754	-589.2	1 450.0	1987	92 10
64	3.06	0.190	0.37	0.89	52	882	46	9 022	-574.7	1 437.8	1987	96 07 - GPP
206	1.72	0.280	0.21	0.93	28	920	30	4 153	-221.7	916.0	1984	97 10 - GPP
949					21	963	28	9 033	-138.0	887.8	1977	97 12
181	3.41	0.256	0.50	0.95								
768	3.35	0.280	0.30	0.95								- GPP
16	5.00	0.330	0.45	0.95	66	866	64	9 068	-144.5	862.5	1980	80 09
16	10.50	0.100	0.42	0.97	38	941	41	8 978	-286.4	1 022.3	1989	89 12 - GPP
716					30	941	33	9 151	-3.1	920.0	1964	95 03
355	1.54	0.180	0.25	0.85								
361	1.94	0.180	0.25	0.85								- GPP
64	1.84	0.170	0.26	0.90	30	940	31	9 418	23.8	917.1	1983	86 05 - GPP
16	1.00	0.120	0.30	0.90	22	964	31	9 414	25.2	919.0	1981	86 12 - ABAND 88 08
16	1.50	0.210	0.22	0.94	25	956	36	7 653	13.0	925.8	1996	97 03 - GPP
225	5.00	0.150	0.35	0.86	60	945	45	12 269	-653.8	1 407.5	1984	97 12 - GPP
32	9.80	0.190	0.09	0.90	54	919	43	13 433	-674.0	1 456.6	1978	97 12 - GPP
32	7.56	0.160	0.44	0.89	45	947	43	13 482	-679.8	1 453.8	1981	92 10
16	4.00	0.210	0.26	0.90	60	932	38	10 036	-672.7	1 439.1	1985	95 02 - ABAND 94 11
32	1.50	0.120	0.30	0.92	45	940	44	13 630	-696.3	1 463.8	1984	97 12 - GPP
32	9.89	0.178	0.37	0.90	50	904	45	13 360	-689.3	1 463.5	1984	85 07 - ABAND 87 03
16	5.30	0.150	0.35	0.88	50	920	45	13 230	-682.4	1 452.0	1985	91 12 - GPP
285	7.92	0.190	0.33	0.87	54	919	43	13 489	-671.2	1 442.0	1990	91 02
16	5.50	0.170	0.16	0.87	54	919	43	13 271	-679.2	1 437.8	1989	96 12 - GPP
161	11.51	0.170	0.39	0.87	54	954	43	13 427	-673.2	1 439.4	1981	88 05 - GPP
32	2.20	0.220	0.49	0.95	18	939	37	9 489	-281.5	1 065.9	1992	97 12 - GPP
16	4.50	0.080	0.30	0.93	31	948	36		-271.8	1 059.5	1993	97 09
16	11.00	0.320	0.33	0.95	19	967	31	4 330	63.8	627.3	1988	96 07 - GPP
4	5.60	0.180	0.48	0.97	9	979	38	7 080	-315.9	1 040.3	1989	96 06 - ABAND 96 02
16	1.50	0.210	0.22	0.95	20	936	30	7 523	-316.9	1 040.8	1969	88 12
16	5.40	0.180	0.26	0.95	20	979	30	7 086	-371.5	1 107.7	1986	87 11 - ABAND 88 04

TABLE 2-6

FIELD POOL	1	2	3	4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
STROME 043-16W4 (CONTINUED)								
ELLERSLIE D	1 541.0	0.30		462.0		462.0	143.0	319.0
ELLERSLIE F	112.0	0.10		11.2		11.2	0.1	11.1
FIELD TOTAL	1 819.6			475.6		475.6	145.5	330.1
SUFFIELD 018-06W4								
UPPER MANNVILLE A	44 490.0	0.05		2 225.0		2 225.0	287.0	1 938.0
UPPER MANNVILLE D	4 164.0	0.10		416.0		416.0	199.4	216.6
UPPER MANNVILLE H	81.5	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE J	33 080.0	0.20		6 616.0		6 616.0	3 836.6	2 779.4
UPPER MANNVILLE N	2 326.0	0.10		233.0		233.0	67.4	165.6
UPPER MANNVILLE O	137.0	<0.01		0.3		0.3	0.3	
UPPER MANNVILLE Q	169.0	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE R	246.0	0.05		12.3		12.3	2.2	10.1
UPPER MANNVILLE S	114.0	<0.01		0.4		0.4	0.4	
UPPER MANNVILLE T	265.0	<0.02		2.9		2.9	2.9	
UPPER MANNVILLE U WATER FLOOD	3 264.0	0.10	0.05	326.0	163.0	489.0	241.1	247.9
UPPER MANNVILLE V	229.0	<0.02		2.7		2.7	2.7	
UPPER MANNVILLE W TOTAL	511.0			51.1	19.0	70.1	25.9	44.2
PRIMARY AREA	131.0	0.10		13.1		13.1		
WATER FLOOD AREA	380.0	0.10	0.05	38.0	19.0	57.0		
UPPER MANNVILLE X	59.2	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE Y	249.0	0.02		5.0		5.0	1.1	3.9
UPPER MANNVILLE Z	187.0	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE EE	71.0	0.05		3.6		3.6	1.0	2.6
UPPER MANNVILLE FF	13 020.0	0.03		391.0		391.0	114.8	276.2
UPPER MANNVILLE HH WATER FLOOD	831.0	0.10	0.05	83.1	41.6	125.0	16.6	108.4
UPPER MANNVILLE II	600.0	0.15		90.0		90.0	78.0	12.0
UPPER MANNVILLE OO	75.0	0.15		11.3		11.3	6.8	4.5
UPPER MANNVILLE PP	48.1	<0.01		0.2		0.2	0.2	
UPPER MANNVILLE RR	18.9	0.10		1.9		1.9	0.7	1.2
UPPER MANNVILLE SS	90.3	0.05		4.5		4.5	0.3	4.2
UPPER MANNVILLE UU	143.0	0.10		14.3		14.3	5.7	8.6
LOWER MANNVILLE A	398.0	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE B	65.1	<0.01		0.4		0.4	0.4	
LOWER MANNVILLE C	93.1	0.05		4.7		4.7	4.7	
LOWER MANNVILLE D	76.1	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE E	102.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE G	134.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE H	67.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE I	88.1	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE J	131.0	0.05		6.6		6.6	3.0	3.6
LOWER MANNVILLE K	128.0	<0.03		2.8		2.8	2.8	
LOWER MANNVILLE L	156.0	<0.02		1.7		1.7	1.7	
LOWER MANNVILLE M	100.0	0.09		9.0		9.0	6.5	2.5
LOWER MANNVILLE N	150.0	0.10		15.0		15.0	14.6	0.4
LOWER MANNVILLE P	1 659.0	0.20		332.0		332.0	232.4	99.6
LOWER MANNVILLE Q	12.7	<0.02		0.2		0.2	0.2	
LOWER MANNVILLE S	172.0	0.05		8.6		8.6	1.8	6.8
LOWER MANNVILLE T	449.0	0.10		44.9		44.9	0.6	44.3
PEKISKO A	431.0	0.05		21.6		21.6	5.1	16.5
FIELD TOTAL	108 881.1			10 939.3	223.6	11 163.2	5 166.1	5 997.1
SUNNYNOOK 026-11W4								
UPPER MANNVILLE Q	100.0	0.05		5.0		5.0	0.5	4.5
BASAL MANNVILLE F	120.0	<0.01		0.8		0.8	0.8	
BASAL MANNVILLE EE	27.3	<0.08		2.1		2.1	2.1	
FIELD TOTAL *	247.3			7.9		7.9	3.4	4.5
SUPERBA 026-03W4								
DETRITAL A	213.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL	213.0			0.1		0.1	0.1	
SWIMMING 052-06W4								
UPPER MANNVILLE A	92.6	<0.01		0.4		0.4	0.4	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP oC	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
154	5.10	0.260	0.18	0.92	23	950	34	7 119	-319.7	1 044.8	1989	97 12 - GPP
16	3.80	0.250	0.21	0.93	30	910	40	7 144	-322.6	1 048.1	1995	96 03 - GPP
3 804	7.22	0.250	0.28	0.90	35	986	36	10 976	-190.2	956.6	1976	96 06 - GPP
402	5.76	0.260	0.24	0.91	43	940	32	10 269	-208.9	993.5	1976	97 01 - GPP
4	12.19	0.270	0.32	0.91	30	972	31	10 153	-188.0	909.8	1977	92 11 - ABAND 77 11
1 530	11.00	0.270	0.20	0.91	27	979	28	9 791	-164.4	917.3	1966	94 12 - GPP
342	4.29	0.260	0.33	0.91	30	971	32	10 037	-181.5	957.0	1978	97 12 - GPP
16	6.40	0.210	0.30	0.91	30	982	32	10 160	-196.0	994.3	1978	88 12
16	6.50	0.270	0.34	0.91	43	983	30	10 558	-170.9	926.8	1979	80 02 - ABAND 80 08
32	4.66	0.250	0.29	0.93	34	957	31	9 322	-192.9	994.0	1980	97 09 - GPP
16	5.20	0.250	0.40	0.91	42	982	32	10 432	-169.2	894.0	1980	80 07
16	10.00	0.280	0.35	0.91	29	982	26	11 030	-165.6	927.0	1980	96 07 - GPP
334	5.10	0.260	0.19	0.91	37	951	21	10 663	-182.2	959.3	1980	96 06 - GPP
16	9.00	0.250	0.30	0.91	20	966	25	10 190	-165.6	924.0	1980	88 12
115					44	951	30	9 728	-181.3	960.3	1980	97 12
16	5.00	0.250	0.28	0.91								
99	1.98	0.260	0.18	0.91								- GPP
16	2.30	0.250	0.30	0.92	37	958	32	10 501	-185.3	952.2	1980	83 12
32	7.30	0.180	0.35	0.91	37	925	29	10 284	-185.2	962.2	1981	91 11 - GPP
64	1.50	0.330	0.35	0.91	35	967	31	9 944	-220.8	1 006.0	1976	88 12
16	4.00	0.200	0.41	0.94	37	959	35	10 811	-209.6	986.2	1977	97 09 - GPP
630	11.20	0.260	0.22	0.91	28	983	27	11 285	-211.8	989.8	1986	95 11 - GPP
151	3.10	0.250	0.22	0.91	28	967	24	10 319	-183.0	958.0	1987	96 06 - GPP
32	8.81	0.300	0.22	0.91	28	982	27	10 871	-148.0	941.1	1987	94 12 - GPP
32	1.66	0.230	0.34	0.93	29	955	32	10 289	-179.7	933.2	1989	97 01 - GPP
8	6.00	0.220	0.51	0.93	29	955	32	10 294	-180.2	942.5	1990	97 01 - ABAND 92 08
16	1.00	0.230	0.46	0.95	24	980	30		-190.0	966.5	1996	97 07
8	11.00	0.200	0.46	0.95	24	980	30		-204.9	1 013.5	1996	97 07 - GPP
26	2.70	0.300	0.27	0.93	29	972	33		-177.4	929.6	1996	97 12
65	7.01	0.160	0.40	0.91	35	952	35	9 729	-202.4	1 001.9	1976	76 11 - ABAND 77 05
16	2.13	0.280	0.25	0.91	34	952	33	10 259	-224.8	981.9	1977	83 12 - ABAND 86 03
32	2.46	0.200	0.35	0.91	27	972	34	9 165	-198.4	951.6	1977	89 12 - ABAND 92 06
16	3.35	0.240	0.35	0.91	32	965	32	9 315	-48.7	808.6	1977	78 04 - ABAND 78 05
16	4.57	0.220	0.30	0.91	32	959	27	11 029	-211.7	1 007.8	1977	83 12 - ABAND 82 01
16	7.32	0.210	0.40	0.91	47	990	25	10 198	-188.9	904.0	1978	78 11
16	3.30	0.210	0.35	0.93	30	986	33	10 084	-193.1	914.9	1978	79 05
16	6.10	0.190	0.50	0.95	9	990	32	10 543	-190.2	892.5	1978	88 12
32	3.21	0.250	0.44	0.91	30	969	35	10 653	-221.7	1 006.0	1978	97 01 - GPP
16	5.70	0.220	0.30	0.91	45	943	45	10 691	-197.8	967.0	1980	96 07 - GPP
16	6.30	0.230	0.25	0.90	27	978	31	11 226	-185.3	963.8	1979	81 03 - ABAND 89 03
32	2.08	0.330	0.50	0.91	34	951	36	10 656	-219.8	997.7	1982	97 12 - GPP
16	7.21	0.210	0.32	0.91	44	965	35	10 698	-211.4	974.6	1978	95 12 - GPP
112	9.69	0.240	0.30	0.91	37	952	32	10 688	-212.8	972.1	1977	93 12 - GPP
2	4.90	0.200	0.33	0.97	11	986	33	10 716	-216.0	967.4	1988	92 10
24	7.35	0.190	0.46	0.95	24	980	30		-207.8	965.1	1996	97 07 - GPP
80	3.73	0.220	0.28	0.95	24	980	30		-207.0	992.5	1996	97 07
64	13.50	0.080	0.30	0.89	47	894	34	10 772	-232.0	983.6	1988	88 10 - GPP
16	5.00	0.250	0.45	0.91	41	930	35	9 920	-235.7	1 017.0	1995	96 08
32	2.00	0.250	0.20	0.94	27	940	35	10 126	-285.5	1 059.0	1978	83 12 - ABAND 84 10
16	1.80	0.170	0.40	0.93	26	963	36	9 711	-249.9	1 057.9	1985	94 06 - ABAND 87 10
16	8.50	0.300	0.45	0.95	18	958	34	9 223	-171.2	930.2	1981	85 12 - ABAND 93 08
16	2.10	0.320	0.13	0.99	10	977	25	4 208	61.5	565.6	1978	83 12 - ABAND 83 05

TABLE 2-6

FIELD POOL	1	2	3	4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
SWIMMING 052-06W4 (CONTINUED)								
UPPER MANNVILLE C	409.0	0.01		4.1		4.1	1.1	3.0
UPPER MANNVILLE E	203.0	0.05		10.2		10.2	0.5	9.7
COLONY A	89.8	<0.02		1.3		1.3	1.3	
COLONY F	129.0	<0.01		0.2		0.2	0.2	
SPARKY A	98.8	<0.01		0.4		0.4	0.4	
SPARKY B	64.3	<0.01		0.1		0.1	0.1	
GENERAL PETROLEUM A	148.0	0.10		14.8		14.8	6.9	7.9
GENERAL PETROLEUM B	208.0	0.08		16.6		16.6	11.4	5.2
FIELD TOTAL	1 442.5			48.1		48.1	22.3	25.8
TABER 009-17W4								
GLAUCONITIC A	84.2	0.05		4.2		4.2	3.1	1.1
GLAUCONITIC B	200.0	<0.01		1.9		1.9	1.9	
GLAUCONITIC C	49.8	0.05		2.5		2.5	1.2	1.3
GLAUCONITIC D	1 478.0	0.40		591.0		591.0	509.2	81.8
GLAUCONITIC E	160.0	<0.02		2.3		2.3	2.3	
GLAUCONITIC F	1 867.0	0.05		93.4		93.4	37.0	56.4
GLAUCONITIC G	125.0	0.10		12.5		12.5	9.1	3.4
GLAUCONITIC H	256.0	0.05		12.8		12.8	0.1	12.7
GLAUCONITIC I	115.0	0.10		11.5		11.5	2.1	9.4
GLAUCONITIC J	66.8	0.10		6.7		6.7	0.3	6.4
GLAUCONITIC K WATER FLOOD	6 172.0	0.07	0.24	432.0	1 497.0	1 929.0	1 495.3	433.7
TABER A	181.0	<0.04		5.7		5.7	5.7	
TABER B	365.0	0.30		110.0		110.0	74.6	35.4
TABER C	11.8	<0.01		0.1		0.1	0.1	
TABER E	106.0	<0.01		0.8		0.8	0.8	
TABER F	173.0	0.06		10.4		10.4	8.5	1.9
TABER G	317.0	0.08		25.4		25.4	16.5	8.9
TABER H	63.5	0.10		6.4		6.4	3.6	2.8
TABER I	1 588.0	0.35		556.0		556.0	297.3	258.7
TABER K	39.6	<0.01		0.2		0.2	0.2	
TABER L	1 379.0	0.30		414.0		414.0	309.3	104.7
TABER M	1 315.0	0.10		132.0		132.0	73.7	58.3
TABER N TOTAL	7 732.0			542.0	1 354.0	1 896.0	1 476.2	419.8
PRIMARY AREA	751.0	0.07		52.6		52.6		
WATER FLOOD AREA	6 981.0	0.07	0.19	489.0	1 354.0	1 843.0		
TABER O	25.0	0.10		2.5		2.5	0.5	2.0
TABER P	1 174.0	0.10		117.0		117.0	69.2	47.8
TABER R	283.0	0.10		28.3		28.3	3.2	25.1
TABER S	1 161.0	0.30		348.0		348.0	191.9	156.1
TABER T	47.0	<0.01		0.2		0.2	0.2	
TABER U	219.0	0.10		21.9		21.9	5.4	16.5
TABER V	62.0	0.15		9.3		9.3	1.4	7.9
TABER X	104.0	0.10		10.4		10.4	3.7	6.7
TABER Y	41.5	0.20		8.3		8.3	4.6	3.7
TABER BB	327.0	0.20		65.4		65.4	31.7	33.7
TABER CC	162.0	0.20		32.4		32.4	10.6	21.8
TABER DD	85.3	0.10		8.5		8.5	2.1	6.4
TABER FF	382.0	0.25		95.5		95.5	42.9	52.6
TABER HH	165.0	0.15		24.8		24.8	7.5	17.3
TABER JJ	103.0	0.20		20.6		20.6	2.8	17.8
TABER Q & SAWTOOTH A	3 330.0	0.30		999.0		999.0	636.0	363.0
SAWTOOTH B	11.2	<0.08		0.8		0.8	0.8	
LIVINGSTONE A	72.0	0.10		7.2		7.2	2.2	5.0
FIELD TOTAL	31 598.7			4 773.9	2 851.0	7 624.9	5 344.8	2 280.1
TABER NORTH 011-16W4								
GLAUCONITIC A	9 303.0	0.70		6 512.0		6 512.0	4 207.4	2 304.6
GLAUCONITIC C TOTAL	2 653.0			317.0	259.0	576.0	559.3	16.7
PRIMARY AREA	64.3	0.10		6.4		6.4		
WATER FLOOD AREA	2 589.0	0.12	0.10	311.0	259.0	570.0		
GLAUCONITIC D	35.3	<0.03		1.0		1.0	1.0	
GLAUCONITIC E	2 157.0	0.30		647.0		647.0	547.8	99.2
GLAUCONITIC H	306.0	0.15		45.9		45.9	36.6	9.3
GLAUCONITIC J	54.3	0.20		10.9		10.9	8.9	2.0
GLAUCONITIC K	67.1	0.03		2.0		2.0	1.4	0.6
GLAUCONITIC L	298.0	0.07		20.9		20.9	3.8	17.1
OSTRACOD A	27.1	0.15		4.1		4.1	3.0	1.1

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP oC	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
8	19.10	0.300	0.10	0.99	10	985	25	3 711	112.9	512.7	1981	95 12 - GPP
16	6.70	0.300	0.35	0.97	70	984	28	4 475	35.4	589.4	1994	96 03 - GPP
16	3.00	0.270	0.30	0.99	10	985	25	4 943	120.4	502.5	1980	88 12 - GPP
16	3.20	0.300	0.15	0.99	10	990	28	4 959	118.8	518.6	1980	82 10 - ABAND 84 08
16	3.20	0.300	0.35	0.99	7	985	25	3 976	85.5	536.4	1979	88 12 - GPP
16	2.00	0.290	0.30	0.99	7	990	25	4 032	79.6	547.5	1979	84 07 - ABAND 84 01
16	4.20	0.310	0.28	0.99	9	987	27	4 273	54.7	571.9	1983	95 12 - GPP
16	6.00	0.300	0.27	0.99	9	976	27	4 237	57.2	575.5	1980	96 12 - GPP
64	1.00	0.200	0.30	0.94	17	947	29	11 249	-168.4	977.5	1983	84 05 - GPP
16	6.50	0.260	0.22	0.95	17	880	30	10 268	-116.9	961.5	1989	96 06 - ABAND 95 07
16	3.10	0.240	0.56	0.95	17	880	29	10 439	-137.4	960.1	1990	96 06 - GPP
135	5.54	0.260	0.20	0.95	17	879	29	10 602	-157.5	957.3	1991	96 09 - GPP
16	5.80	0.250	0.28	0.96	15	946	33	10 656	-163.4	965.4	1989	90 01 - GPP
96	10.75	0.250	0.23	0.94	23	946	33	10 869	-152.3	953.9	1964	95 04 - GPP
16	8.10	0.190	0.46	0.94	23	953	33	6 448	-144.8	948.8	1994	94 12 - GPP
32	9.43	0.190	0.53	0.95	17	946	29	6 613	-126.7	953.8	1995	96 08 - GPP
16	4.80	0.240	0.35	0.96	55	916	32	10 280	-151.5	966.6	1995	96 09 - GPP
16	4.70	0.170	0.45	0.95	17	948	29	10 547	-125.4	962.7	1996	96 11 - GPP
464	7.93	0.240	0.28	0.97	16	940	36		-130.2	965.5	1942	97 08 - GPP
50	3.10	0.210	0.41	0.94	23	946	33	10 720	-133.1	996.8	1944	97 05 - ABAND 96 11
113	3.60	0.180	0.47	0.94	23	921	33	10 509	-135.4	991.8	1978	96 11 - GPP
16	1.00	0.150	0.49	0.96	15	955	36	10 076	-133.9	972.5	1984	85 06 - ABAND 86 04
16	4.10	0.190	0.11	0.96	15	946	33	10 612	-140.8	990.5	1989	95 07 - ABAND 95 05
32	6.27	0.180	0.49	0.94	23	921	80	9 928	-145.2	987.2	1991	96 05 - GPP
32	8.10	0.200	0.35	0.94	20	945	38	10 776	-157.8	983.6	1985	97 12 - GPP
16	5.30	0.150	0.48	0.96	15	934	36	10 097	-154.8	974.5	1992	92 04 - GPP
208	7.00	0.200	0.42	0.94	20	883	33	10 001	-168.9	976.4	1990	97 09 - GPP
16	2.30	0.170	0.34	0.96	15	928	23	10 766	-133.9	957.2	1985	86 04 - ABAND 90 05
333	4.80	0.180	0.49	0.94	23	921	33	10 651	-137.0	979.3	1944	97 12 - GPP
190	6.57	0.190	0.41	0.94	20	946	38	10 758	-155.8	986.9	1937	96 05 - GPP
1 106					16	940	36	10 597	-130.8	966.0	1942	97 08
96	6.30	0.200	0.36	0.97								
1 010	6.58	0.190	0.43	0.97								- GPP
16	1.83	0.150	0.40	0.95	28	940	26	10 521	-144.8	964.7	1974	97 12 - GPP
176	6.12	0.200	0.42	0.94	23	921	33	10 830	-141.9	981.7	1945	92 06 - GPP
32	8.25	0.180	0.38	0.96	15	933	36	10 410	-175.4	993.5	1990	95 05 - GPP
168	6.70	0.190	0.41	0.92	23	913	35	8 998	-162.6	973.6	1993	96 04 - GPP
16	3.50	0.190	0.52	0.92	23	912	35	10 038	-129.6	979.2	1993	95 09 - ABAND 95 06
32	8.00	0.190	0.51	0.92	23	912	35	9 932	-117.2	980.8	1994	94 06 - GPP
32	2.70	0.170	0.56	0.96	79	945	33	10 500	-149.7	984.5	1993	95 01 - GPP
28	3.90	0.200		0.48	23	913	35	8 600	-146.7	984.4	1995	96 06 - GPP
16	2.60	0.200	0.47	0.94	20	883	33	9 422	-160.9	986.9	1995	97 09 - GPP
32	11.00	0.190	0.48	0.94	20	883	33	9 514	-174.8	978.4	1991	97 02 - GPP
16	8.40	0.200	0.36	0.94	23	921	33	9 300	-136.5	979.4	1994	96 07 - GPP
16	5.00	0.190	0.39	0.92	23	913	35	9 512	-161.4	987.7	1995	96 06 - GPP
48	6.46	0.200	0.33	0.92	23	913	35	9 599	-171.7	980.3	1996	97 02 - GPP
32	4.94	0.180	0.37	0.92	38	916	35		-179.5	988.3	1996	97 05 - GPP
16	5.50	0.190	0.36	0.96	79	945	33	9 560	-163.1	989.9	1996	97 03 - GPP
370	8.40	0.180	0.38	0.96	15	940	33	10 547	-180.9	958.3	1989	96 11 - GPP
16	0.70	0.210	0.50	0.95	17	919	37	10 272	-173.0	992.7	1992	96 07 - GPP
16	6.40	0.120	0.37	0.93	39	924	24		-165.2	1 007.1	1996	97 04
466	10.60	0.250	0.19	0.93	17	879	30	10 810	-162.7	947.6	1979	97 12 - GPP
408					57	894	30	11 353	-185.1	969.6	1980	91 12 - GPP
64	1.10	0.140	0.25	0.87								
344	6.07	0.190	0.25	0.87								
16	4.80	0.100	0.50	0.92	36	937	32	7 511	-185.5	974.5	1981	89 12 - ABAND 93 10
210	6.53	0.240	0.31	0.95	17	899	29	10 826	-159.4	953.9	1978	95 07 - GPP
48	5.35	0.220	0.43	0.95	17	899	29	10 192	-167.3	959.7	1984	95 12 - GPP
16	4.10	0.150	0.40	0.92	17	889	29	9 951	-171.8	934.4	1986	95 12 - GPP
64	1.10	0.170	0.41	0.95	17	880	30	10 915	-156.9	943.7	1983	96 06 - GPP
16	14.00	0.200	0.30	0.95	17	880	29	10 918	-157.2	942.5	1995	96 08 - GPP
16	1.40	0.200	0.37	0.96	79	945	33	9 878	-184.0	987.3	1990	96 12 - GPP

TABLE 2-6

FIELD POOL	1	2	3	4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
TABER NORTH 011-16W4 (CONTINUED)								
TABER A	1 950.0	0.13		254.0		254.0	239.7	14.3
TABER B	556.0	0.10		55.6		55.6	45.7	9.9
TABER C	2 862.0	0.20		572.0		572.0	438.0	134.0
TABER D	1 450.0	0.25		363.0		363.0	321.1	41.9
TABER E	3 605.0	0.15		541.0		541.0	238.2	302.8
TABER I	115.0	0.15		17.3		17.3	16.5	0.8
TABER J	229.0	<0.01		0.2		0.2	0.2	
TABER K	1 242.0	0.35		435.0		435.0	348.6	86.4
TABER L	98.8	<0.01		0.7		0.7	0.7	
TABER M	158.0	<0.01		0.1		0.1	0.1	
TABER O	1 739.0	0.35		609.0		609.0	375.4	233.6
TABER S	46.6	<0.02		0.8		0.8	0.8	
TABER U	61.0	<0.01		0.2		0.2	0.2	
TABER V	447.0	0.10		44.7		44.7	19.4	25.3
TABER W	213.0	0.10		21.3		21.3	13.3	8.0
TABER Y	111.0	0.10		11.1		11.1	0.9	10.2
TABER Z	178.0	0.15		26.7		26.7	8.8	17.9
TABER AA	314.0	0.15		47.1		47.1	15.4	31.7
TABER BB	67.0	0.03		2.0		2.0	2.0	
TABER CC	107.0	0.25		26.8		26.8	14.5	12.3
TABER DD	161.0	0.20		32.2		32.2	6.8	25.4
TABER EE	46.2	0.25		11.6		11.6	4.2	7.4
TABER FF	193.0	0.10		19.3		19.3	0.6	18.7
TABER GG	95.0	0.15		14.3		14.3	2.8	11.5
TABER HH	170.0	0.10		17.0		17.0	0.7	16.3
TABER II	48.2	<0.01		0.1		0.1	0.1	
TABER KK	166.0	0.05		8.3		8.3	1.6	6.7
TABER LL	28.5	<0.12		3.3		3.3	3.3	
TABER MM	178.0	0.10		17.8		17.8	10.8	7.0
TABER NN	120.0	0.30		36.0		36.0	6.9	29.1
TABER OO	96.4	0.10		9.6		9.6	1.3	8.3
TABER PP	143.0	0.10		14.3		14.3	0.5	13.8
TABER QQ	31.9	0.10		3.2		3.2	1.2	2.0
SAWTOOTH A	48.4	0.01		0.5		0.5	0.5	
SAWTOOTH B	151.0	0.35		52.9		52.9	45.9	7.0
SAWTOOTH C	56.1	<0.02		0.7		0.7	0.7	
SAWTOOTH D	55.7	<0.02		1.0		1.0	1.0	
SAWTOOTH E	56.1	0.10		5.6		5.6	0.6	5.0
LIVINGSTONE A	52.0	0.20		10.4		10.4	6.2	4.2
FIELD TOTAL *	32 346.7			10 847.5	259.0	11 106.5	7 564.4	3 542.1
TABER SOUTH 007-16W4								
MANNVILLE A TOTAL	14 080.0			1 408.0	1 142.0	2 550.0	1 556.5	993.5
PRIMARY AREA	2 663.0	0.10		266.0		266.0		
WATER FLOOD AREA	11 420.0	0.10	0.10	1 142.0	1 142.0	2 284.0		
MANNVILLE B TOTAL	7 277.0			509.0	1 977.0	2 486.0	2 389.5	96.5
PRIMARY AREA	217.0	0.07		15.2		15.2		
WATER FLOOD AREA	7 060.0	0.07	0.28	494.0	1 977.0	2 471.0		
MANNVILLE D WATER FLOOD	242.0	0.10	0.10	24.2	24.2	48.4	42.6	5.8
MANNVILLE H	66.0	<0.01		0.5		0.5	0.5	
MANNVILLE L	388.0	0.02		7.8		7.8	4.9	2.9
MANNVILLE M TOTAL	387.0			37.6	26.5	64.1	42.4	21.7
PRIMARY AREA	122.0	0.20		24.4		24.4		
WATER FLOOD AREA	265.0	0.05	0.10	13.2	26.5	39.7		
MANNVILLE N	530.0	0.15		79.5		79.5	22.3	57.2
MANNVILLE O	244.0	0.40		97.6		97.6	75.0	22.6
MANNVILLE Q	285.0	0.20		57.0		57.0	6.4	50.6
MANNVILLE R	38.7	0.25		9.7		9.7	8.3	1.4
MANNVILLE P,S & SAWTOOTH B	448.0	<0.24		107.0		107.0	38.7	68.3
GLAUCONITIC A	403.0	0.05		20.2		20.2	17.5	2.7
GLAUCONITIC B	51.6	0.07		3.6		3.6	2.8	0.8
GLAUCONITIC C	411.0	0.15		61.7		61.7	48.9	12.8
GLAUCONITIC G	495.0	0.20		99.0		99.0	26.0	73.0
GLAUCONITIC H	125.0	0.20		25.0		25.0	5.0	20.0
GLAUCONITIC I	32.9	0.10		3.3		3.3	0.2	3.1
GLAUCONITIC J	139.0	0.10		13.9		13.9	1.2	12.7
TABER B	4 684.0	0.10		468.0		468.0	153.1	314.9
SAWTOOTH A	75.2	0.15		11.3		11.3	8.3	3.0

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA ha	AVERAGE PAY THICKNESS m	POROSITY frac	WATER SATN frac	SHRINKAGE frac	INITIAL SOLUTION GOR m^3/m^3	DENSITY kg/m^3	TEMP °C	INITIAL PRESSURE kPa	DATUM DEPTH m MSL	MEAN FORMATION DEPTH m KB	DISC YEAR	DATE LAST REVIEWED AND REMARKS
713	2.77	0.210	0.50	0.94	32	887	29	11 096	-180.4	978.4	1966	96 12 - GPP
184	2.59	0.200	0.38	0.94	16	887	31	11 620	-186.7	972.7	1967	84 12 - GPP
260	9.20	0.190	0.33	0.94	22	940	37	10 746	-180.2	990.3	1974	95 01 - GPP
214	6.46	0.180	0.38	0.94	21	940	32	11 083	-179.8	994.4	1976	93 10 - GPP
300	10.60	0.180	0.33	0.94	27	940	32	10 875	-175.9	986.7	1977	97 04 - GPP
32	5.00	0.150	0.49	0.94	25	940	32	10 757	-187.6	963.2	1981	85 12 - GPP
64	3.20	0.170	0.30	0.94	20	884	33	10 679	-191.1	977.4	1982	87 12 - ABAND 89 06
368	3.15	0.190	0.40	0.94	15	896	54	10 499	-190.4	963.6	1983	95 12 - GPP
32	2.50	0.180	0.27	0.94	25	924	35	10 703	-197.6	981.9	1983	83 11 - ABAND 84 04
64	3.60	0.140	0.48	0.94	15	893	54	10 847	-189.4	981.2	1983	84 05 - ABAND 88 11
400	4.90	0.170	0.42	0.90	38	934	32	10 117	-166.4	970.7	1983	97 09 - GPP
16	2.50	0.200	0.38	0.94	16	887	33	8 976	-189.9	978.3	1981	88 12 - ABAND 92 02
16	4.10	0.180	0.45	0.94	20	884	33	10 388	-195.5	988.6	1988	89 05 - ABAND 91 03
64	6.45	0.180	0.36	0.94	15	893	54	10 373	-193.7	999.2	1989	97 12 - GPP
83	1.98	0.190	0.29	0.96	14	945	33	9 818	-182.9	986.8	1989	97 02 - GPP
16	7.00	0.180	0.40	0.92	23	913	35	8 878	-202.0	968.8	1993	94 02 - GPP
33	5.55	0.170	0.38	0.92	23	913	35	10 078	-160.1	980.8	1993	96 06 - GPP
66	4.78	0.170	0.39	0.96	79	945	33	9 833	-184.5	990.1	1993	96 04 - GPP
16	5.80	0.160	0.53	0.96	79	945	33	11 167	-185.4	985.5	1994	97 06 - ABAND 96 09
30	4.90	0.180	0.56	0.92	23	936	35	10 968	-166.0	983.6	1994	97 09 - GPP
16	9.96	0.180	0.39	0.92	23	913	35	10 176	-173.3	968.0	1994	95 04 - GPP
8	5.20	0.170	0.32	0.96	79	945	33	11 204	-191.7	982.5	1994	96 04 - GPP
16	10.60	0.190	0.35	0.92	23	913	35	11 101	-181.1	940.1	1995	96 03 - GPP
16	6.50	0.170	0.44	0.96	79	945	33	10 079	-161.9	983.6	1995	96 06
32	5.86	0.160	0.41	0.96	79	945	33	10 042	-157.1	985.9	1995	97 04
8	5.60	0.180	0.35	0.92	23	913	35	10 164	-167.3	977.5	1993	97 12 - ABAND 97 08
16	10.20	0.180	0.41	0.96	79	945	33	10 798	-185.5	990.0	1995	96 10 - GPP
16	1.30	0.190	0.25	0.96	79	945	33	10 665	-194.4	978.2	1981	96 12 - GPP
16	11.20	0.170	0.38	0.94	15	946	33		-174.7	989.9	1993	97 04 - GPP
33	4.00	0.170	0.43	0.94	27	940	32		-176.8	992.6	1975	97 04 - GPP
16	7.00	0.180	0.48	0.92	23	913	35		-162.2	986.4	1996	97 08
16	8.70	0.180	0.38	0.92	23	913	35		-169.4	927.9	1996	97 08 - GPP
8	3.50	0.200	0.38	0.92	23	912	35		-167.9	983.3	1996	97 10 - GPP
16	2.20	0.230	0.35	0.92	35	895	29	10 594	-198.0	990.1	1980	89 12 - ABAND 93 10
68	1.60	0.220	0.32	0.93	34	891	32	10 119	-153.0	939.0	1993	94 10 - GPP
16	2.60	0.200	0.29	0.95	17	918	37	10 352	-179.2	977.1	1994	96 07 - ABAND 96 08
16	3.30	0.180	0.37	0.93	34	891	32	10 663	-216.2	999.0	1993	95 10 - ABAND 95 10
16	2.00	0.280	0.32	0.92	23	913	35	10 104	-151.2	939.0	1996	96 07 - GPP
24	3.28	0.100	0.29	0.93	33	942	33	10 715	-180.7	1 001.8	1996	97 05 - GPP
1 394					7	946	35	9 266	-62.2	998.3	1963	96 10
386	5.30	0.220	0.39	0.97								
1 008	8.70	0.220	0.39	0.97								- GPP
549					16	940	41	9 953	-52.3	985.1	1963	97 09
32	4.68	0.220	0.30	0.94								
517	7.45	0.260	0.25	0.94								- GPP
60	2.64	0.220	0.21	0.88	46	898	31	9 617	-73.5	978.3	1965	94 12 - GPP
32	3.00	0.156	0.55	0.98	6	920	32	9 893	-71.6	978.4	1984	84 06 - ABAND 87 01
93	3.69	0.170	0.30	0.95	15	945	36	8 528	-77.0	994.5	1978	90 10 - GPP
60					7	946	35	8 732	-46.7	986.6	1988	96 04
16	5.78	0.200	0.32	0.97								
44	3.94	0.210	0.25	0.97								
109	4.80	0.190	0.45	0.97	7	943	32	9 219	-57.1	1 004.8	1992	97 08 - GPP
58	5.84	0.180	0.53	0.85	62	880	33	9 786	-94.6	989.5	1994	96 06 - GPP
16	11.40	0.230	0.30	0.97	7	943	32	9 905	-73.0	985.1	1995	96 08
16	2.80	0.170	0.46	0.94	27	939	32		-56.7	1 001.8	1984	97 04 - GPP
94	5.16	0.180	0.46	0.95	23	912	35		-106.7	989.0	1995	97 11 - GPP
59	6.34	0.180	0.37	0.95	17	899	29	9 551	-67.8	981.4	1983	95 12 - GPP
16	2.70	0.160	0.23	0.97	15	935	33	10 033	-34.4	983.4	1984	97 12 - GPP
66	3.95	0.210	0.21	0.95	17	914	29	9 982	-86.7	990.9	1986	95 12 - GPP
40	6.62	0.240	0.18	0.95	15	941	36	9 903	-89.3	981.4	1992	95 12 - GPP
32	4.40	0.170	0.45	0.95	11	900	34	8 668	-101.3	991.7	1994	95 02 - GPP
16	2.30	0.200	0.53	0.95	15	941	36	5 647	-61.2	974.4	1994	96 09 - GPP
16	7.50	0.200	0.39	0.95	15	941	36	9 560	-68.8	985.4	1996	96 11 - GPP
736	6.64	0.190	0.48	0.97	6	939	32	9 528	-67.8	1 001.7	1979	97 10 - GPP
128	0.72	0.140	0.38	0.94	24	899	33	10 357	-132.1	1 007.2	1990	94 11 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
TABER SOUTH 007-16W4 (CONTINUED)								
LIVINGSTONE A	139.0	<0.02		2.0		2.0	2.0	
TURNER VALLEY A	505.0	0.05		25.3		25.3	12.8	12.5
FIELD TOTAL	31 046.4			3 071.2	3 169.7	6 240.9	4 464.9	1 776.0
TABER SOUTH-EAST 008-15W4								
MANNVILLE A	1 462.0	0.20		292.0		292.0	221.3	70.7
MANNVILLE B	217.0	<0.01		0.2		0.2	0.2	
MANNVILLE C	336.0	0.07		23.5		23.5	22.2	1.3
MANNVILLE D	1 027.0	0.15		154.0		154.0	107.8	46.2
MANNVILLE F	34.4	0.10		3.4		3.4	2.2	1.2
FIELD TOTAL	3 076.4			473.1		473.1	353.7	119.4
TOMAHAWK 052-05W5								
OSTRACOD G	456.0	0.05		22.8		22.8	15.7	7.1
ELLERSLIE A	141.0	<0.01		0.8		0.8	0.8	
ELLERSLIE B	73.8	<0.02		1.2		1.2	1.2	
FIELD TOTAL *	670.8			24.8		24.8	17.7	7.1
TURIN 010-19W4								
LOWER MANNVILLE H2H	25.1	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE I2I	112.0	0.20		22.4		22.4	9.2	13.2
LOWER MANNVILLE J2J	28.4	0.15		4.3		4.3	1.3	3.0
LOWER MANNVILLE L2L	15.4	0.20		3.1		3.1	0.1	3.0
LIVINGSTONE C	215.0	0.30		64.5		64.5	40.0	24.5
LIVINGSTONE D	183.0	0.05		9.2		9.2	1.8	7.4
FIELD TOTAL *	578.9			103.6		103.6	52.5	51.1
TWO CREEK 065-15W5								
JURASSIC A	295.0	0.10		29.5		29.5	4.5	25.0
FIELD TOTAL	295.0			29.5		29.5	4.5	25.0
VAUXHALL 012-18W4								
UPPER MANNVILLE H	107.0	<0.01		1.0		1.0	1.0	
LOWER MANNVILLE D	167.0	0.15		25.1		25.1	8.6	16.5
FIELD TOTAL *	274.0			26.1		26.1	9.6	16.5
VERGER 022-15W4								
MANNVILLE A	78.2	0.10		7.8		7.8	0.9	6.9
MANNVILLE D	279.0	<0.02		4.8		4.8	4.8	
MANNVILLE F	149.0	0.10		14.9		14.9	7.5	7.4
UPPER MANNVILLE C	1 085.0	<0.03		25.0		25.0	23.0	2.0
UPPER MANNVILLE O	24.3	0.15		3.6		3.6	0.5	3.1
FIELD TOTAL *	1 615.5			56.1		56.1	36.7	19.4
VERMILION 050-05W4								
SPARKY A	7 722.0	0.10		772.0		772.0	714.3	57.7
SPARKY B	132.0	0.10		13.2		13.2	3.8	9.4
FIELD TOTAL	7 854.0			785.2		785.2	718.1	67.1
VIKING-KINSELLA 047-11W4								
UPPER MANNVILLE B	71.5	<0.01		0.3		0.3	0.3	
UPPER MANNVILLE C	77.2	0.06		4.6		4.6	4.2	0.4
UPPER MANNVILLE K	100.0	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE R	191.0	<0.01		1.3		1.3	1.3	
UPPER MANNVILLE X	3 315.0	0.05		166.0		166.0	91.8	74.2
UPPER MANNVILLE CC	75.2	<0.02		1.2		1.2	1.2	
UPPER MANNVILLE OO	146.0	<0.01		0.4		0.4	0.4	
UMNV.COLONY & WABAMUN MU NO 1	469.0	0.03		14.1		14.1	7.2	6.9
COLONY YY	127.0	<0.01		0.1		0.1	0.1	
COLONY ZZ	82.6	<0.01		0.5		0.5	0.5	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
16	6.50	0.180	0.21	0.94	58	892	32	10 391	-145.0	1 029.8	1992	96 08 - ABAND 96 06
64	7.50	0.160	0.30	0.94	24	897	31	10 362	-132.7	1 013.3	1986	86 08 - GPP
380	3.41	0.200	0.40	0.94	16	915	29	10 144	-71.5	972.3	1963	95 12 - GPP
24	8.45	0.190	0.40	0.94	16	945	36	10 098	-64.8	975.8	1965	92 12 - ABAND 94 02
64	5.96	0.170	0.46	0.96	16	934	36	9 803	-59.3	953.2	1973	89 12 - GPP
472	2.06	0.200	0.45	0.96	10	915	32	9 751	-79.7	960.4	1974	93 06 - GPP
32	2.00	0.160	0.65	0.96	10	917	32	10 149	-70.6	986.3	1987	88 07 - GPP
229	2.05	0.160	0.31	0.88	91	934	65	14 782	-867.3	1 703.0	1990	94 02 - GPP
32	6.00	0.150	0.43	0.86	58	978	52	16 181	-895.8	1 707.0	1979	80 02 - ABAND 91 01
16	4.00	0.180	0.34	0.97	45	957	46	14 040	-817.9	1 619.5	1988	94 11 - ABAND 94 09
16	1.50	0.170	0.36	0.96	79	945	33	10 644	-222.6	1 076.3	1994	96 07 - GPP
32	2.20	0.230	0.28	0.96	20	874	32	11 217	-221.8	1 009.4	1995	95 12 - GPP
16	1.90	0.190	0.46	0.91	40	902	32	10 608	-213.0	1 004.7	1995	96 01 - GPP
16	1.10	0.190	0.43	0.81	83	890	35	10 032	-219.7	1 050.1	1995	96 03 - GPP
56	3.02	0.180	0.25	0.94	24	934	35	10 173	-198.4	1 026.8	1994	96 11 - GPP
16	11.20	0.150	0.26	0.92	38	910	33	10 239	-205.9	1 035.6	1994	97 03 - GPP
32	7.70	0.200	0.32	0.88	42	948	65		-705.6	1 680.0	1995	97 11
16	8.00	0.150	0.35	0.86	62	900	37	11 645	-244.7	1 080.9	1980	84 12 - GPP
48	2.50	0.210	0.27	0.91	40	902	32	9 632	-228.0	1 027.4	1995	97 09 - GPP
16	4.00	0.200	0.35	0.94	19	960	40	10 378	-330.5	1 057.4	1960	97 12 - GPP
192	2.56	0.180	0.65	0.90	41	915	46	10 492	-330.8	1 062.2	1970	92 11 - ABAND 93 08
64	1.50	0.260	0.33	0.89	45	892	38	10 051	-401.7	1 170.3	1980	85 04 - GPP
192	6.58	0.160	0.39	0.88	57	881	36	10 130	-279.0	983.1	1970	92 12 - GPP
16	1.00	0.230	0.25	0.88	39	928	35		-311.8	1 045.0	1996	97 11
1 325	2.71	0.280	0.20	0.96	11	965	27	5 431	74.7	559.3	1939	95 10 - GPP
32	3.20	0.320	0.58	0.96	11	965	27	3 163	69.4	577.8	1966	97 09 - GPP
16	2.13	0.290	0.23	0.94	21	927	34	4 888	-14.0	717.8	1973	96 07
16	3.35	0.250	0.40	0.96	18	946	28	4 741	-23.4	688.2	1975	93 12 - GPP
65	0.91	0.290	0.39	0.96	19	952	29	5 423	-67.5	765.5	1975	77 03 - ABAND 87 06
16	7.70	0.300	0.45	0.94	21	927	31	6 600	-55.6	752.1	1972	92 11 - ABAND 96 06
625	2.61	0.290	0.27	0.96	18	970	29	5 706	-19.6	738.7	1978	97 05
16	2.40	0.300	0.32	0.96	10	939	33	5 275	-20.9	733.2	1979	97 11 - ABAND 87 10
16	5.40	0.280	0.37	0.96	17	949	30	5 487	-42.8	746.3	1980	88 12
192	1.87	0.233	0.34	0.85	64	864	33	5 011	-65.9	765.3	1978	96 08 - GPP
64	1.30	0.320	0.50	0.95	21	946	28	4 961	50.3	652.7	1981	88 12
16	2.40	0.320	0.30	0.96	17	964	25	4 720	80.0	620.7	1976	92 10 - ABAND 94 12

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
VIKING-KINSELLA 047-11W4 (CONTINUED)								
COLONY QQQ	139.0	<0.01		0.3		0.3	0.3	
COLONY ZZZ	82.1	<0.01		0.6		0.6	0.6	
SPARKY E	5 975.0	0.10		598.0		598.0	106.4	491.6
SPARKY F TOTAL	5 679.0			441.0	1 829.0	2 270.0	1 628.5	641.5
PRIMARY AREA	452.0	0.05		22.6		22.6		
WATER FLOOD AREA	5 227.0	0.08	0.35	418.0	1 829.0	2 247.0		
SPARKY G	241.0	0.01		2.4		2.4	0.8	1.6
SPARKY I WATER FLOOD	599.0	0.10	0.35	59.9	210.0	270.0	88.7	181.3
SPARKY J	308.0	<0.01		0.6		0.6	0.6	
SPARKY CC	98.0	0.10		9.8		9.8	1.5	8.3
SPARKY DD	63.3	0.05		3.2		3.2	0.2	3.0
SPARKY EE	81.8	0.15		12.3		12.3	0.4	11.9
SPARKY HH	491.0	0.05		24.6		24.6	1.2	23.4
WAINWRIGHT B WATER FLOOD	20 910.0	0.05	0.30	1 046.0	6 273.0	7 319.0	5 920.4	1 398.6
WAINWRIGHT D	1 022.0	<0.03		22.7		22.7	22.7	
WAINWRIGHT E	78.7	0.01		0.8		0.8	0.8	
WAINWRIGHT H	136.0	<0.01		0.7		0.7	0.7	
WAINWRIGHT I	76.5	<0.01		0.2		0.2	0.2	
D-2 H	31.5	<0.09		2.6		2.6	2.6	
D-2 J	138.0	<0.04		5.0		5.0	5.0	
FIELD TOTAL	40 804.4			2 419.3	8 312.0	10 731.4	7 888.7	2 842.7
VULCAN 017-24W4								
BOW ISLAND A	45.3	0.10		4.5		4.5	1.5	3.0
FIELD TOTAL *	45.3			4.5		4.5	1.5	3.0
WAINWRIGHT 045-06W4								
VIKING, COLONY G,R,V,W & EE	137.0	0.07		9.6		9.6	7.0	2.6
COLONY P	63.0	<0.09		5.2		5.2	4.6	0.6
COLONY CC	686.0	0.14		96.0		96.0	79.2	16.8
COLONY MM	37.7	<0.01		0.1		0.1	0.1	
COLONY NN	21.2	<0.01		0.1		0.1	0.1	
COLONY CCC	42.6	<0.01		0.1		0.1	0.1	
COLONY JJJ	153.0	0.10		15.3		15.3	3.5	11.8
COLONY ZZZ	308.0	0.05		15.4		15.4	0.2	15.2
SPARKY B	439.0	<0.07		27.0		27.0	22.8	4.2
SPARKY C	81.0	<0.02		1.3		1.3	1.3	
SPARKY F	91.2	0.05		4.6		4.6	3.2	1.4
SPARKY G	99.0	0.07		6.9		6.9	6.4	0.5
SPARKY H	50.2	<0.01		0.1		0.1	0.1	
SPARKY J TOTAL	416.0			29.2	58.9	88.1	79.4	8.7
PRIMARY AREA	106.0	0.10		10.6		10.6		
WATER FLOOD AREA	310.0	0.06	0.19	18.6	58.9	77.5		
SPARKY K	31.2	<0.04		1.0		1.0	1.0	
SPARKY L	31.0	<0.02		0.6		0.6	0.6	
SPARKY N	46.2	<0.01		0.1		0.1	0.1	
SPARKY O	51.2	<0.01		0.1		0.1		0.1
SPARKY P	44.2	<0.01		0.3		0.3	0.3	
SPARKY R	34.8	<0.01		0.1		0.1	0.1	
SPARKY U	24.7	<0.01		0.1		0.1	0.1	
SPARKY W	39.5	<0.01		0.1		0.1		0.1
SPARKY X	40.0	<0.01		0.2		0.2	0.2	
SPARKY Y	26.1	<0.01		0.2		0.2	0.2	
SPARKY Z	34.2	0.20		6.8		6.8	5.6	1.2
SPARKY BB	88.1	<0.01		0.1		0.1	0.1	
SPARKY CC	201.0	0.05		10.1		10.1	4.8	5.3
WAINWRIGHT B TOTAL	4 337.0			217.0	401.0	618.0	275.5	342.5
PRIMARY AREA	1 829.0	0.05		91.5		91.5		
WATER FLOOD AREA	2 508.0	0.05	0.16	125.0	401.0	526.0		
WAINWRIGHT C TOTAL	2 098.0			126.0	65.2	191.0	148.2	42.8
PRIMARY AREA	468.0	0.06		28.1		28.1		
WATER FLOOD AREA	1 630.0	0.06	0.04	97.8	65.2	163.0		
WAINWRIGHT & SPARKY A TOTAL	45 110.0			3 424.0	12 200.0	15 620.0	13 777.5	1 842.5
PRIMARY AREA	4 445.0	0.13		578.0		578.0		
WATER FLOOD AREA	40 660.0	0.07	0.30	2 846.0	12 200.0	15 040.0		
GENERAL PETROLEUM B	81.2	<0.01		0.4		0.4	0.4	

HEAVY CRUDE OIL POOLS

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
16	4.60	0.300	0.30	0.90	18	961	92	3 135	77.8	601.7	1976	84 11
16	4.00	0.250	0.43	0.90	38	926	28	5 330	-41.8	741.0	1991	92 06 - ABAND 92 02
745	3.40	0.320	0.24	0.97	10	950	20	5 257	25.0	647.5	1985	97 12 - GPP
1 302					18	928	28	5 763	-30.3	724.7	1981	95 12
192	1.40	0.250	0.30	0.96								
1 110	2.92	0.240	0.30	0.96								- GPP
32	3.49	0.300	0.25	0.96	17	934	28	5 367	13.9	656.3	1985	97 07
140	2.24	0.300	0.33	0.95	21	910	30	5 469	-69.7	772.0	1988	95 12 - GPP
16	13.80	0.200	0.28	0.97	13	931	24	5 469	-19.5	730.5	1988	89 05 - ABAND 89 09
8	5.20	0.310	0.20	0.95	18	911	29	4 514	28.2	659.9	1996	97 03 - GPP
8	3.70	0.300	0.25	0.95	18	912	29		-16.3	722.2	1996	97 06
16	2.30	0.300	0.22	0.95	18	912	29		-19.9	742.4	1996	97 11 - GPP
131	1.88	0.300	0.30	0.95	18	912	29		-11.5	722.2	1995	97 07
3 134	3.46	0.300	0.33	0.96	15	927	27	4 935	-0.6	664.4	1973	95 07 - GPP
156	3.46	0.290	0.32	0.96	17	965	28	5 389	7.0	684.5	1976	97 12 - ABAND 97 10
16	2.44	0.280	0.25	0.96	17	965	27	5 139	8.5	673.0	1976	89 12 - ABAND 92 03
32	2.21	0.300	0.34	0.97	15	958	27	5 010	15.0	688.1	1978	83 12
16	2.20	0.310	0.27	0.96	10	956	34	5 029	-23.5	740.9	1978	82 12 - ABAND 87 10
16	2.48	0.126	0.35	0.97	20	970	28	4 963	-56.3	761.8	1986	96 07 - GPP
16	6.70	0.170	0.22	0.97	20	970	28	4 789	-38.1	625.5	1987	96 07 - GPP
16	4.30	0.140	0.50	0.94	48	900	39	6 795	-390.4	1 401.4	1994	95 11 - GPP
32	1.95	0.330	0.30	0.95	20	946	30	5 654	62.2	598.7	1929	83 04 - GPP
16	1.83	0.310	0.27	0.95	15	946	27	4 041	43.5	626.8	1972	97 12 - GPP
96	3.51	0.300	0.30	0.97	16	955	31	4 439	62.3	593.4	1973	96 12 - GPP
16	1.70	0.280	0.50	0.99	12	947	25	4 535	54.2	643.9	1984	88 12
16	1.00	0.250	0.43	0.93	29	980	28	4 000	63.6	591.9	1982	85 09 - ABAND 86 01
16	2.00	0.290	0.46	0.85	20	930	25	4 238	60.1	588.6	1980	96 07 - GPP
16	6.00	0.240	0.30	0.95	23	953	22	4 200	46.6	631.0	1991	92 04 - GPP
16	11.75	0.220	0.24	0.98	11	969	18		60.8	594.1	1993	97 10 - GPP
48	7.42	0.250	0.47	0.93	14	959	27	4 417	3.0	646.7	1967	97 12 - GPP
16	2.13	0.330	0.25	0.96	16	959	31	4 354	34.9	657.3	1975	96 07
32	2.28	0.240	0.44	0.93	15	921	27	4 632	22.8	639.7	1975	79 11 - GPP
32	2.00	0.260	0.38	0.96	16	945	25	4 642	23.9	635.5	1978	95 12 - GPP
16	3.00	0.220	0.50	0.95	23	950	28	4 615	24.7	628.3	1980	80 09
156					14	960	30	4 651	25.1	661.3	1957	97 12 - GPP
56	1.20	0.270	0.37	0.93								
100	1.96	0.270	0.37	0.93								
8	2.50	0.250	0.33	0.93	32	904	30	3 192	25.9	615.8	1981	96 07 - GPP
8	2.30	0.270	0.35	0.96	16	921	33	3 942	27.0	614.4	1982	96 07 - GPP
16	2.70	0.230	0.50	0.93	14	960	25	4 419	22.8	648.2	1983	88 12 - ABAND 89 11
16	2.50	0.250	0.45	0.93	14	960	23	4 012	25.0	626.3	1984	88 12 - ABAND 90 05
16	2.00	0.270	0.45	0.93	14	960	27	4 490	20.3	625.2	1984	84 09 - ABAND 85 08
16	1.70	0.250	0.45	0.93	20	960	25	3 345	18.0	630.3	1984	84 11 - ABAND 90 05
16	1.20	0.260	0.48	0.95	12	960	23	3 997	21.6	652.0	1984	89 12
16	1.60	0.280	0.42	0.95	21	980	28	4 314	23.0	634.4	1985	85 09 - ABAND 85 12
16	1.70	0.280	0.44	0.94	12	939	26	4 064	28.8	614.2	1985	88 12 - ABAND 97 05
16	1.30	0.270	0.50	0.93	12	924	26	4 465	25.6	680.8	1985	96 07 - GPP
32	0.71	0.270	0.40	0.93	12	930	25	4 222	27.3	637.6	1985	96 12 - GPP
16	3.20	0.280	0.36	0.96	15	920	33	4 172	0.8	672.4	1988	96 05 - ABAND 93 02
64	1.95	0.250	0.33	0.96	15	920	33	4 198	3.7	677.5	1993	96 03 - GPP
904					14	904	27	4 654	18.7	661.4	1974	93 01
388	3.19	0.270	0.43	0.96								
516	3.41	0.270	0.45	0.96								- GPP
363					15	921	27	4 647	17.9	689.7	1931	93 05
161	1.82	0.260	0.34	0.93								
202	5.06	0.260	0.34	0.93								- GPP
6 828					15	921	27	4 923	23.9	624.9	1923	94 12 - GPP
941	2.49	0.300	0.32	0.93								
5 887	3.25	0.313	0.27	0.93								
8	5.18	0.310	0.32	0.93	24	904	23	4 469	10.8	638.1	1975	92 11 - ABAND 76 02

TABLE 2-6

	1	2	3	4	5	6	7	8
FIELD POOL	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
WAINWRIGHT 045-06W4 (CONTINUED)								
GENERAL PETROLEUM C	24.0	<0.01		0.1		0.1	0.1	
REX A	80.0	<0.01		0.3		0.3	0.3	
REX B	5.5	0.05		0.3		0.3	0.3	
LLOYDMINSTER A	133.0	0.15		20.0		20.0	15.8	4.2
LLOYDMINSTER B	128.0	<0.04		4.0		4.0	4.0	
LLOYDMINSTER C	88.9	<0.01		0.1		0.1	0.1	
DETRITAL B	68.6	<0.01		0.2		0.2	0.2	
NISKU E	29.8	<0.10		2.8		2.8	2.8	
NISKU F	19.4	<0.01		0.1		0.1	0.1	
NISKU A & CAMROSE A	6 653.0	0.12		798.0		798.0	590.3	207.7
FIELD TOTAL	62 173.5			4 824.0	12 725.1	17 544.9	15 036.7	2 508.2
WARWICK 052-14W4								
UPPER MANNVILLE J	726.0	<0.04		23.6		23.6	23.6	
UPPER MANNVILLE V	38.2	<0.01		0.1		0.1	0.1	
FIELD TOTAL	764.2			23.7		23.7	23.7	
WELLBURN 009-18W4								
SAWTOOTH A & LIVINGSTONE A	79.9	0.25		20.0		20.0	5.3	14.7
FIELD TOTAL *	79.9			20.0		20.0	5.3	14.7
WETASKIWIN 047-24W4								
ELLERSLIE B	14.5	0.20		2.9		2.9	0.3	2.6
FIELD TOTAL	14.5			2.9		2.9	0.3	2.6
WILDMERE 048-05W4								
UPPER MANNVILLE A	69.1	<0.03		1.8		1.8	1.8	
COLONY I	338.0	0.05		16.9		16.9	13.1	3.8
COLONY U	151.0	<0.01		0.1		0.1	0.1	
COLONY BB,MCLAREN A & WASECA A	1 102.0	0.02		22.0		22.0	0.4	21.6
SPARKY B	3 203.0	0.12		384.0		384.0	275.6	108.4
SPARKY G	164.0	0.05		8.2		8.2	6.3	1.9
SPARKY H	200.0	<0.03		5.6		5.6	5.6	
SPARKY I	40.2	<0.01		0.1		0.1	0.1	
SPARKY M	65.6	<0.01		0.1		0.1	0.1	
SPARKY N	11 880.0	0.03		356.0		356.0	222.1	133.9
SPARKY O	733.0	0.05		36.7		36.7	13.7	23.0
SPARKY Q	115.0	<0.01		0.1		0.1	0.1	
SPARKY R & GENERAL PETROLEUM C	119.0	<0.01		0.1		0.1	0.1	
SPARKY J & GENERAL PETROLEUM B	180.0	<0.01		1.6		1.6	1.6	
GENERAL PETROLEUM A	400.0	0.07		28.0		28.0	23.0	5.0
GENERAL PETROLEUM D	101.0	<0.01		0.1		0.1	0.1	
GENERAL PETROLEUM G	313.0	0.20		62.6		62.6	10.5	52.1
LLOYDMINSTER B	217.0	<0.01		1.4		1.4	1.4	
LLOYDMINSTER C	2 050.0	0.03		61.5		61.5	29.3	32.2
LLOYDMINSTER D	201.0	<0.02		3.4		3.4	3.4	
LLOYDMINSTER E	140.0	<0.02		1.6		1.6	1.6	
LLOYDMINSTER F	190.0	<0.01		0.3		0.3	0.3	
LLOYDMINSTER G	143.0	<0.01		0.3		0.3	0.3	
LLOYDMINSTER H	133.0	<0.01		0.2		0.2	0.2	
LLOYDMINSTER I	97.0	0.05		4.9		4.9	4.6	0.3
LLOYDMINSTER K	184.0	<0.01		0.2		0.2	0.2	
LLOYDMINSTER L	273.0	0.05		13.7		13.7	8.7	5.0
LLOYDMINSTER M	177.0	0.05		8.9		8.9	4.8	4.1
LLOYDMINSTER N	216.0	0.02		4.3		4.3	1.1	3.2
LLOYDMINSTER P	2 522.0	0.03		75.6		75.6	35.8	39.8
LLOYDMINSTER Q	242.0	0.05		12.1		12.1	8.5	3.6
LLOYDMINSTER R	100.0	0.05		5.0		5.0	0.8	4.2
LLOYDMINSTER V	400.0	0.03		12.0		12.0	5.4	6.6
LLOYDMINSTER W	295.0	<0.01		0.1		0.1	0.1	
LLOYDMINSTER A & SPARKY E TOTAL	43 420.0			3 114.0	960.0	4 074.0	3 595.9	478.1
PRIMARY AREA	31 420.0	0.08		2 514.0		2 514.0		

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
8	2.70	0.240	0.50	0.93	10	906	30	4 359	24.0	662.2	1985	96 07 - ABAND 93 11
16	3.50	0.240	0.38	0.96	16	893	26	6 336	8.7	647.0	1986	96 07
16	0.70	0.220	0.75	0.90	43	924	32	6 305	5.1	701.3	1985	89 02 - GPP
10	7.92	0.300	0.40	0.93	14	921	28	4 391	21.3	652.6	1968	96 12 - GPP
16	3.39	0.330	0.25	0.95	32	959	28	4 577	-0.5	679.6	1974	92 11 - ABAND 83 03
16	3.00	0.300	0.35	0.95	21	952	28	4 612	3.8	663.8	1981	82 05 - ABAND 81 12
16	2.50	0.330	0.35	0.80	90	855	29	4 407	-4.6	688.7	1984	96 07 - GPP
16	4.90	0.090	0.56	0.96	15	953	25	4 426	0.4	664.8	1985	96 04 - ABAND 93 07
16	3.00	0.100	0.58	0.96	15	953	24	4 418	12.7	659.0	1985	86 06 - ABAND 87 08
1 128	5.56	0.170	0.35	0.96	14	957	24	4 340	4.6	657.4	1982	94 10 - GPP
128	3.42	0.275	0.33	0.90	22	910	29	5 724	-3.9	652.5	1971	88 12 - ABAND 96 05
16	1.52	0.270	0.40	0.97	11	927	29	5 171	40.6	584.8	1977	79 12 - ABAND 78 10
48	2.31	0.150	0.46	0.89	48	907	33		-156.5	1 031.5	1995	97 07 - GPP
8	1.60	0.180	0.31	0.91	37	934	45	10 400	-621.6	1 399.4	1995	96 05
16	1.83	0.320	0.24	0.97	15	952	21	4 237	40.5	595.0	1975	88 12 - GPP
48	2.95	0.330	0.27	0.99	8	977	22	4 030	91.3	576.8	1981	83 06 - GPP
16	4.30	0.320	0.30	0.98	15	970	22	4 077	96.3	560.5	1974	88 12 - ABAND 92 07
48	9.00	0.310	0.16	0.98	7	987	28	3 985	72.3	602.4	1978	91 11
597	2.58	0.320	0.33	0.97	15	959	32	6 998	48.4	607.0	1965	97 12 - GPP
64	1.75	0.280	0.46	0.97	14	939	26	3 973	53.0	591.3	1979	81 02 - GPP
73	1.60	0.290	0.39	0.97	10	953	25	3 290	62.8	550.2	1979	95 05 - ABAND 93 11
16	1.20	0.300	0.28	0.97	10	958	25	3 310	60.2	548.7	1980	88 12 - ABAND 93 10
16	2.20	0.320	0.40	0.97	12	984	25	5 959	50.8	586.9	1981	82 05 - ABAND 85 07
1 045	5.40	0.310	0.30	0.97	14	966	23	4 674	61.9	563.4	1982	97 12 - GPP
112	3.06	0.300	0.28	0.99	10	973	28	4 300	37.9	657.8	1982	84 08 - GPP
16	3.20	0.310	0.25	0.97	25	980	25	4 301	37.3	633.4	1984	88 12 - ABAND 95 06
32	2.00	0.300	0.36	0.97	11	982	29	4 286	36.5	620.1	1981	84 12 - ABAND 86 12
48	1.87	0.300	0.31	0.97	13	950	25	4 470	37.9	601.0	1979	92 11 - GPP
64	2.98	0.300	0.28	0.97	11	935	29	4 486	39.8	624.9	1975	95 12 - GPP
16	2.90	0.320	0.30	0.97	12	987	24	4 518	36.4	639.3	1986	86 11 - ABAND 88 12
64	2.50	0.320	0.37	0.97	10	975	22		42.8	630.5	1996	97 10
16	5.48	0.310	0.19	0.99	9	965	26	4 902	1.8	591.6	1953	89 12
208	4.52	0.290	0.24	0.99	9	990	27	4 937	5.5	641.9	1978	84 12 - GPP
16	4.92	0.310	0.17	0.99	9	990	25	4 661	10.1	685.8	1977	96 07 - GPP
16	4.20	0.280	0.25	0.99	12	990	24	4 851	6.2	648.9	1980	89 12 - GPP
16	5.00	0.300	0.20	0.99	9	990	25	4 540	9.2	672.5	1981	82 05 - ABAND 87 08
16	4.00	0.300	0.25	0.99	9	984	25	4 555	7.7	631.3	1981	82 07 - ABAND 85 06
16	4.00	0.270	0.22	0.99	9	990	29	4 592	5.5	684.0	1981	82 10 - ABAND 86 05
16	3.50	0.250	0.30	0.99	9	988	23	4 631	7.1	650.3	1982	88 12 - GPP
16	5.70	0.280	0.25	0.96	38	952	24	4 705	11.4	701.7	1983	83 11 - ABAND 88 11
32	4.90	0.290	0.38	0.97	16	983	26	5 166	0.2	652.6	1983	97 09 - GPP
16	5.50	0.290	0.30	0.99	27	979	25	4 850	4.3	643.5	1982	83 04 - GPP
16	5.80	0.300	0.20	0.97	16	932	26	4 848	7.9	644.8	1982	97 10
176	6.35	0.300	0.24	0.99	16	980	26	4 923	4.0	652.6	1983	87 07 - GPP
16	6.50	0.300	0.20	0.97	16	986	26	4 653	9.3	646.6	1983	84 11 - GPP
16	4.00	0.270	0.40	0.97	16	986	26	4 793	9.1	651.0	1984	96 06
28	6.25	0.310	0.24	0.97	16	969	26	5 045	-1.2	669.2	1984	96 12 - GPP
16	7.50	0.310	0.20	0.99	12	990	30	3 658	0.5	657.8	1986	96 07 - GPP
2 993					10	946	26	4 824	1.5	627.2	1963	93 12 - GPP
2 369	5.55	0.320	0.23	0.97								

TABLE 2-6

	1	2	3	4	5	6	7	8
FIELD POOL	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
WILDMERE 048-05W4 (CONTINUED)								
WATER FLOOD AREA	12 000.0	0.05	0.08	600.0	960.0	1 560.0		
FIELD TOTAL	70 173.9			4 243.5	960.0	5 203.5	4 276.7	926.8
WRENTHAM 006-16W4								
GLAUCONITIC B	229.0	0.10		22.9		22.9	13.2	9.7
GLAUCONITIC C	298.0	0.05		14.9		14.9	2.8	12.1
LOWER MANNVILLE B WATER FLOOD	1 294.0	0.10	0.20	129.0	259.0	388.0	327.0	61.0
LOWER MANNVILLE C WATER FLOOD	2 053.0	0.10	0.15	205.0	308.0	513.0	435.3	77.7
LOWER MANNVILLE E	554.0	0.09		49.9		49.9	47.6	2.3
LOWER MANNVILLE F TOTAL	942.0			94.2	42.8	137.0	65.0	72.0
PRIMARY AREA	87.4	0.10		8.7		8.7		
WATER FLOOD AREA	855.0	0.10	0.05	85.5	42.8	128.0		
LOWER MANNVILLE G WATER FLOOD	700.0	0.10	0.05	70.0	35.0	105.0	56.1	48.9
FIELD TOTAL	6 070.0			585.9	644.8	1 230.7	947.0	283.7
UNDEFINED AND CONFIDENTIAL POOLS								
TOTAL UNDEFINED	10 935.3			203.6		203.6	139.2	64.4
TOTAL CONFIDENTIAL	4 863.5			579.4		579.4	51.1	528.3
TOTAL HEAVY CRUDE OIL	**1 763 650.3**			**201 705.2**	**80 723.1**	**282 425.6**	**214 772.6**	**67 653.0**
PROVINCIAL TOTAL OF LIGHT-MEDIUM AND HEAVY CRUDE OIL	**9 104 465.5**			**1 721 868.3**	**729 749.8**	**2 451 652.3**	**2 124 804.8**	**326 847.5**

HEAVY CRUDE OIL POOLS

* FIELD HAS RESERVES BOOKED FOR LIGHT-MEDIUM AND HEAVY CRUDE CATEGORIES

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 DATUM DEPTH m MSL	19 MEAN FORMATION DEPTH m KB	20 DISC YEAR	21 DATE LAST REVIEWED AND REMARKS
624	8.05	0.320	0.23	0.97								
48	4.16	0.200	0.39	0.94	22	930	34	9 673	-25.0	978.8	1981	84 09 - GPP
16	9.80	0.220	0.10	0.96	9	915	32	9 814	-38.3	989.9	1994	95 04 - GPP
94	9.53	0.220	0.33	0.98	10	934	31	9 697	-15.0	949.0	1967	97 09 - GPP
386	3.80	0.210	0.32	0.98	10	934	31	9 673	-12.3	957.4	1967	96 10 - GPP
96	5.07	0.170	0.31	0.97	10	937	30	9 217	5.5	952.5	1979	93 12 - GPP
160					10	935	30	9 943	-85.2	1 036.6	1979	97 10
16	7.10	0.180	0.55	0.95								
144	5.89	0.180	0.41	0.95								- GPP
142	4.98	0.200	0.49	0.97	10	935	30	9 548	-15.0	971.6	1966	97 11 - GPP

3 RESERVES OF CRUDE BITUMEN AND SYNTHETIC CRUDE OIL

3.1 Provincial Summary

The Board estimates the remaining established reserves of crude bitumen from deposits under active development to be 340.0 million cubic metres for the surface mineable projects, a decrease from year-end 1996 of 20.1 million cubic metres; and 274.0 million cubic metres for the in situ schemes, a decrease from year-end 1996 of 26.7 million cubic metres.

The changes in established crude bitumen reserves for 1997 are shown below:

	1997 10^6 m^3	1996 10^6 m^3	Change 10^6 m^3
Initial Established Reserves			
Surface-mineable	644.0	644.0	-
In situ	376.7	390.6	- 13.9
Total	1 020.7	1 034.6	- 13.9
Cumulative Production			
Surface-mineable	304.0	283.9	+ 20.1
In situ	102.7	89.9	+ 12.8
Total	406.7	373.8	+ 32.9
Remaining Established Reserves			
Surface-mineable	340.0	360.1	- 20.1
In situ	274.0	300.7	- 26.7
Total	614.0	660.8	- 46.8

Synthetic crude oil production resulting from the crude bitumen production from the two surface mining projects amounted to 16.8 million cubic metres in 1997 with 12.2 million cubic metres from the Syncrude project and 4.6 million cubic metres from the Suncor project.

3.2 Initial In-Place Volumes of Crude Bitumen

Alberta's massive crude bitumen resources are contained in sand and carbonate sedimentary formations in the Athabasca, Cold Lake and Peace River oil sands areas. Oil Sands Area Orders (OSA Orders) outline the general areal extent of crude bitumen occurrence and Oil Sands Deposit Orders (OSD Orders) outline the specific geological zones which have been declared as oil sands deposits.

Initial in-place volumes of crude bitumen in each deposit were estimated using drillhole data and geophysical logs. The crude bitumen within the Cretaceous sands was determined using a minimum saturation cut-off of 3 mass per cent crude bitumen, and a minimum saturated zone thickness of 1.5 metres. The crude bitumen within the carbonate deposits was determined using a minimum bitumen saturation of 30 per cent of pore volume and a porosity value of 5 per cent.

3.2.1 Surface Mineable Area (SMA)

The in-place and mineable reserves remain unchanged from the volumes reported in 1994.

The cutoff criteria for in-place and mineable reserves are a 3 per cent bitumen by mass and 1.5 metre thickness and 5 per cent bitumen by mass, 1.5 metres thickness and 45 per cent shale content, respectively.

The initial volume in place of crude bitumen within the potentially mineable areas was estimated to be 24.1 billion cubic metres.

3.2.2 In Situ Area

The 1997 in situ reserves include a continuation of the conversion from the former manual process to an automated mapping and resource evaluation system. As a result, the reserves for most of the pools within the southern portion of the Cold Lake area have been determined from the geological maps instead of the original building block methods. These volumetric reserves are presented on a pool basis in Table 3-2. Individual maps to year-end 1995 are provided in Statistical Series 96-38.[1] Conversion to isopach maps is also planned for other oil sands areas.

The total initial volumes of crude bitumen in place for the designated deposits at 31 December 1997 was 244.4 billion cubic metres.

3.3 Surface Mineable Crude Bitumen and Synthetic Crude Oil Reserves

The SMA is defined as that part of the Athabasca Wabiskaw-McMurray deposit where the total overburden and top reject generally do not exceed 75 metres.

3.3.1 Crude Bitumen Reserves

Potential mineable areas were identified by economic strip ratio (ESR) criteria, a minimum saturation of 5 mass per cent bitumen, a maximum shale content of 45 volume per cent, and a minimum saturated zone thickness of 1.5 metres. The ESR criteria are fully explained in Appendix III of ERCB Report 79-H[2].

The initial mineable volume in place of crude bitumen within the potentially mineable areas was estimated to be 11.2 billion cubic metres.

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[1] Alberta Energy and Utilities Board, 1996. ***Crude Bitumen Reserves Atlas.*** Statistical Series 96-38. Calgary, Alberta.

[2] Energy Resources Conservation Board, 1979, ***Alsands Fort McMurray Project.*** ERCB Report 79-H. Calgary, Alberta.

Reduction factors were applied to the initial mineable reserve volume to determine the established mineable reserve volume. These factors account for ore sterilization due to environmental protection corridors along major rivers, isolated ore bodies, location of surface facilities (plant sites, tailings ponds, waste dumps) and mining/extraction losses. The current factors are shown below:

Parameter	**Current Reduction Factor** percentage
Environmental corridors along major rivers	10
Isolated ore bodies	10
Surface facilities	10
Mining/Extraction	18

The resulting initial established mineable reserve of crude bitumen was estimated to be 6.7 billion cubic metres.

Only a small fraction of the initial established mineable reserve is under active development. Suncor and Syncrude are the only two active projects in the SMA and the cumulative bitumen production from these projects is 304 million cubic metres.

The remaining established mineable crude bitumen reserve for the SMA as at 31 December 1997 was 6.4 billion cubic metres.

The crude bitumen reserves categories within the SMA are presented in Figure 3-1.

The remaining established mineable crude bitumen reserves for the two active projects as at 31 December 1997 are shown below:

Development	**Project Area**[a]	**Initial Mineable Volume in Place**[b]	**Initial Established Mineable Reserve**[b]	**Cumulative Production**	**Remaining Established Mineable Reserve**
	ha	10^6 m^3	10^6 m^3	10^6 m^3	10^6 m^3
Suncor	3 030	216	168	113	55
Syncrude	11 860	807	476	191	285
Total	14 890	1 023	644	304	340

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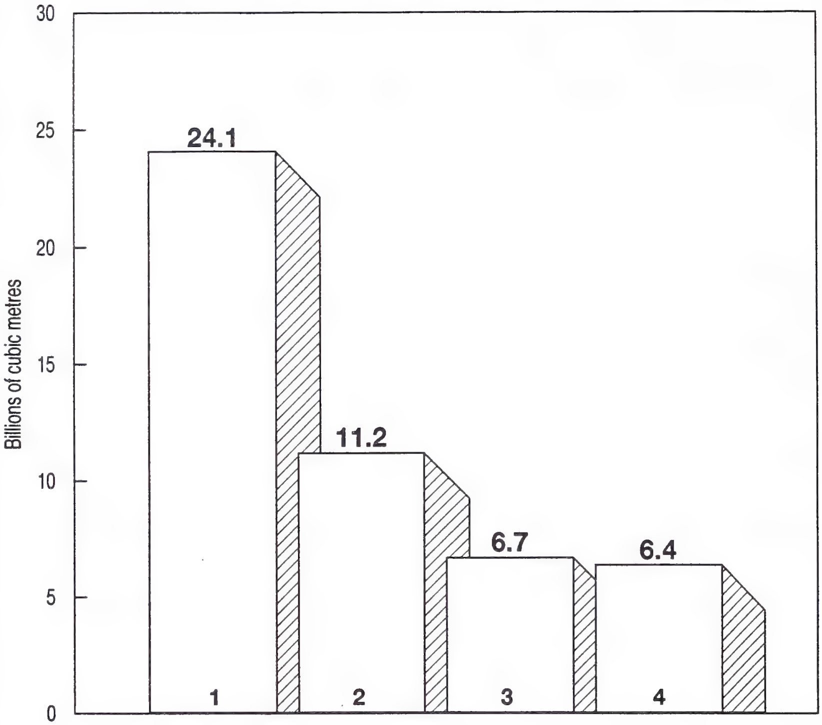
a The project areas correspond to the areas defined in the project approval.
b Definitions are given in Figure 3-1.



1. INITIAL VOLUME IN PLACE. Gross volume of crude bitumen established to exist within the surface-mineable area.
2. INITIAL MINEABLE VOLUME IN PLACE. Volume of crude bitumen calculated using minimum saturation and thickness criteria, and based upon the application of economic-strip-ratio criteria within the surface-mineable area.
3. INITIAL ESTABLISHED MINEABLE RESERVE. Volume of crude bitumen established within category 2, but excluding mining, extraction, and isolated ore losses, and areas unavailable because of placement of mine surface facilities and environmental buffer zones.
4. REMAINING ESTABLISHED MINEABLE RESERVE. Volume of crude bitumen established within category 3, less cumulative production.

FIGURE 3-1 CRUDE BITUMEN RESERVES CATEGORIES WITHIN THE SURFACE-MINEABLE AREA

3.3.2 Synthetic Crude Oil Reserves

The yield of synthetic crude oil through upgrading of crude bitumen is dependant upon the type of upgrading technology used, the use of products as fuel in the upgrading, the extent of gas liquids recovery, and the extent of residue upgrading. The yield factor for the current Suncor delayed coking operation is 0.80, while that for the current fluid coking/hydrocracking operation at Syncrude is 0.84.

The remaining established reserves of synthetic crude oil from the upgrading of the 6.4 billion cubic metres of crude bitumen in the SMA are estimated to be 5.8 billion cubic metres. This estimate is based on an average yield factor of 0.91 which reflects the assumed use of high conversion, hydrogen addition upgrading technologies for the future development of the SMA crude bitumen reserves.

3.4 In Situ Crude Bitumen Reserves

The Board has assigned initial volumes in place and initial and remaining established reserves for commercial projects, primary recovery schemes and active experimental schemes where all or a portion of the wells have been drilled and completed. An aggregate reserve is shown for all active experimental schemes as well as an estimate of initial volumes in place and cumulative production. An aggregate reserve is also shown for all commercial and primary recovery schemes within a given oil sands deposit and area.

For year-end 1997, initial established reserves associated with commercial projects and primary recovery schemes have not been updated. Also, the primary recovery scheme category does not include those schemes in the Athabasca area. The only reserve updates are those related to experimental projects, along with updated production for all projects and schemes to year-end 1997.

For commercial projects, only the areas actually developed for thermal recovery have been included in the established reserves, notwithstanding the size of the approved project areas. The initial volume in place for developed areas in each project was based on the assigned drainage areas and had regard for the spacing of the individual wells or well clusters. Established reserves were then determined for the currently approved recovery mechanism. It should be noted that future experimentation and technological improvements may result in higher recovery of crude bitumen. For those projects with a primary recovery (pumping wells at initial reservoir temperature) component, the in-place volume was based on the assumed full development of all project lands.

The initial established primary reserves for the Lindbergh area are based on a 5 per cent average recovery factor. The recovery factor of 25 per cent for thermal projects reflects the application of various steaming strategies and project designs.

The initial established reserves of crude bitumen from in situ areas was estimated to be 376.7 million cubic metres, a decrease of 13.9 million cubic metres.

The initial established reserves were determined by totalling the individual project reserves in each deposit. The individual project reserves estimates were based on historical and predicted production levels for each project.

For the active experimental schemes, the initial established reserve figure of 1.7 million cubic metres was based on current well productivity, cumulative production and the forecast production to the expiry date of each experimental scheme. The significant decrease in reserves is attributable to the amalgamation of Imperial's experimental and commercial projects.

The Board's 1997 estimate of the established in situ crude bitumen reserves is shown in Table 3-1.

TABLE 3-1 Established In Situ Crude Bitumen Reserves
As at 31 December 1997

Development	Initial Volume in Place[a]	Recovery Factor	Initial Established Reserves	Cumulative Production[b]	Remaining Established Reserves
	10^6 m^3	Percentage	10^6 m^3	10^6 m^3	10^6 m^3
Peace River Commercial Project					
Thermal	17.5	40.0	7.0	5.0	2.0
Subtotal	17.5		7.0	5.0	2.0
Cold Lake Commercial Projects					
Thermal	607.5	25.0	151.9	73.2	78.7
Primary	598.8	5.0	29.9	10.0	19.9
Subtotal	1 206.3		181.8	83.2	98.6
Primary Recovery Schemes	2 653.3	5.0	132.7	8.5	124.2
Subtotal	2 653.3		132.7	8.5	124.2
Other Lindbergh					
Primary	993.3	5.0	49.7	1.8	47.9
Subtotal	993.3		49.7	1.8	47.9
Subtotal	4 852.9		364.2	93.5	270.7
Experimental Schemes					
Active	10.9	15.6	1.7	0.7	1.0
Terminated	65.0	5.8	3.8	3.5	0.3
Subtotal	75.9		5.5	4.2	1.3
Total	4 946.3		376.7	102.7[c]	274.0

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a Thermal reserves are assigned only for lands approved for thermal developments and having completed drilling development.
b Cumulative production to 31 December 1997.
c Does not include the Athabasca area.

Reserves of Crude Bitumen and Basic Data

Alberta Energy and Utilities Board

TABLE 3-2

OIL SANDS AREA OIL SANDS DEPOSIT OIL SANDS SECTOR, OIL SANDS POOL OVERBURDEN DEPTH (m) OR ZONE	1 INITIAL VOLUME IN PLACE 10^6m^3	2 AREA 10^3ha	3 AVERAGE PAY THICKNESS m	4 BITUMEN SATURATION mass frac	 pore vol frac	5 POROSITY frac	6 WATER SATN frac	7 REMARKS
ATHABASCA								
UPPER GRAND RAPIDS								
150 - 450+	5 274.00	334.00	9.0	0.062	0.55	0.30	0.45	
SUBTOTAL	5 274.00							
MIDDLE GRAND RAPIDS								
150 - 450+	2 354.00	182.00	5.0	0.077	0.68	0.30	0.32	
SUBTOTAL	2 354.00							
LOWER GRAND RAPIDS								
150 - 450+	1 050.00	173.00	6.0	0.051	0.45	0.30	0.55	
SUBTOTAL	1 050.00							
WABISKAW-MCMURRAY								
0 - 20	6 874.00	88.00	39.0	0.091		0.27	0.25	WITHIN MINEABLE AREA
20 - 40	7 378.00	98.00	39.0	0.087		0.27	0.27	WITHIN MINEABLE AREA
40 - 80	7 341.00	97.00	41.0	0.085		0.27	0.29	WITHIN MINEABLE AREA
80 - 120	2 551.00	26.00	51.0	0.088		0.26	0.24	WITHIN MINEABLE AREA
80 - 750+	119 234.00	4 329.00	19.0	0.079	0.62	0.28	0.38	BEYOND MINEABLE AREA
SUBTOTAL	143 378.00							
NISKU								
200 - 800+	10 330.00	499.00	8.0	0.057	0.63	0.21	0.37	
SUBTOTAL	10 330.00							
GROSMONT								
D	19 890.00	1 063.00	16.0	0.058	0.67	0.20	0.33	
C	15 390.00	1 189.00	10.0	0.050	0.75	0.16	0.25	
B	5 380.00	976.00	5.0	0.043	0.69	0.15	0.31	
A	9 840.00	939.00	10.0	0.035	0.60	0.14	0.40	
SUBTOTAL	50 500.00							
COLD LAKE								
UPPER GRAND RAPIDS								
300 - 600								
BUILDING BLOCK	6 245.10	814.00	6.0	0.081	0.58	0.30	0.42	
ISOPACH								
COLONY 1								
BEAVERDAM A	8.29	1.11	3.1	0.115	0.79	0.31	0.21	
BEAVERDAM B	4.75	0.52	3.5	0.122	0.84	0.31	0.16	
BEAVERDAM C	2.03	0.26	3.1	0.119	0.76	0.33	0.24	
BEAVERDAM/BONNYVILLE A	12.06	1.90	2.6	0.116	0.80	0.31	0.20	
SUBTOTAL	27.14							
COLONY 2								
FROG LAKE A	2.01	0.47	1.8	0.109	0.75	0.31	0.25	
FROG LAKE B	0.11	0.04	1.3	0.093	0.67	0.30	0.33	
FROG LAKE C	0.35	0.12	1.3	0.103	0.74	0.30	0.26	
FROG LAKE D	0.29	0.10	1.3	0.099	0.71	0.30	0.29	
FROG LAKE E	0.43	0.13	1.4	0.106	0.79	0.29	0.21	
FROG LAKE F	0.37	0.14	1.4	0.087	0.68	0.28	0.32	
FROG LAKE M	0.55	0.14	1.8	0.100	0.72	0.30	0.28	
FROG LAKE N	0.80	0.25	1.7	0.099	0.71	0.30	0.29	
FROG LAKE O	0.15	0.03	2.5	0.096	0.66	0.31	0.34	
LINDBERGH A	0.83	0.26	1.6	0.091	0.68	0.29	0.32	
SUBTOTAL	5.88							
COLONY 3								
FROG LAKE G	0.48	0.09	2.1	0.116	0.83	0.30	0.17	
FROG LAKE H	0.11	0.08	0.8	0.079	0.62	0.28	0.38	
FROG LAKE I	1.61	0.23	2.9	0.111	0.80	0.30	0.20	
FROG LAKE J	1.03	0.20	2.2	0.112	0.74	0.32	0.26	
FROG LAKE L	14.88	0.67	8.1	0.130	0.86	0.32	0.14	
FROG LAKE P	0.70	0.15	2.3	0.092	0.69	0.29	0.31	
SUBTOTAL	18.80							
GRAND RAPIDS 2								
BEAVERDAM A	3.86	0.70	2.3	0.112	0.74	0.32	0.26	
BEAVERDAM B	1.96	0.39	2.5	0.093	0.70	0.29	0.30	
BEAVERDAM D	1.12	0.25	2.0	0.103	0.71	0.31	0.29	
BEAVERDAM E	0.23	0.11	0.9	0.111	0.71	0.33	0.29	
BEAVERDAM G	1.41	0.30	1.9	0.115	0.76	0.32	0.24	

TABLE 3-2

	1	2	3	4		5	6	7
OIL SANDS AREA OIL SANDS DEPOSIT OIL SANDS SECTOR, OIL SANDS POOL OVERBURDEN DEPTH (m) OR ZONE	INITIAL VOLUME IN PLACE	AREA	AVERAGE PAY THICKNESS	BITUMEN SATURATION		POROSITY	WATER SATN	REMARKS
				mass frac	pore vol frac			
	$10^6 m^3$	$10^3 ha$	m			frac	frac	
GRD RP 2 (CONTINUED)								
BEAVERDAM H	10.01	1.37	3.1	0.112	0.77	0.31	0.23	
BEAVERDAM I	0.40	.11	1.4	0.130	0.77	0.35	0.23	
FROG LAKE/BEAVERDAM A	62.28	6.71	3.8	0.118	0.75	0.33	0.25	
BEAVERDAM/BONNYVILLE A	2.59	0.53	2.1	0.112	0.74	0.32	0.26	
SUBTOTAL	83.86							
WASECA								
FROG LAKE A	1.09	0.38	1.7	0.076	0.57	0.29	0.43	
FROG LAKE B	79.57	3.72	9.2	0.109	0.75	0.31	0.25	
BEAVERDAM A	2.44	0.16	6.8	0.106	0.70	0.32	0.30	
BEAVERDAM B	9.72	0.30	10.7	0.145	0.89	0.34	0.11	
BEAVERDAM C	6.57	0.15	15.0	0.140	0.86	0.34	0.14	
FROG LAKE/LINDBERGH A	125.93	14.58	4.4	0.091	0.68	0.29	0.32	
SUBTOTAL	225.33							
LOWER GRAND RAPIDS								
300 - 600								
BUILDING BLOCK	8 272.90	717.00	6.0	0.106	0.60	0.31	0.27	
ISOPACH								
SPARKY								
FROG LAKE A	4.60	0.75	2.9	0.100	0.69	0.31	0.31	
FROG LAKE B	0.30	0.06	2.2	0.109	0.72	0.32	0.28	
FROG LAKE C	0.79	0.16	2.2	0.107	0.74	0.31	0.26	
FROG LAKE D	0.21	0.07	1.7	0.083	0.62	0.29	0.38	
FROG LAKE E	1.54	0.31	2.6	0.087	0.65	0.29	0.35	
FROG LAKE F	12.35	1.34	3.5	0.125	0.83	0.32	0.17	
FROG LAKE G	0.51	0.06	3.2	0.123	0.85	0.31	0.15	
FROG LAKE H	0.09	0.02	1.7	0.127	0.81	0.33	0.19	
FROG LAKE I	2.28	0.32	2.5	0.138	0.85	0.34	0.15	
LINDBERGH A	60.27	8.52	3.3	0.101	0.70	0.31	0.30	
LINDBERGH C	0.91	0.37	1.4	0.084	0.60	0.30	0.40	
LINDBERGH D	23.38	3.95	2.5	0.112	0.74	0.32	0.26	
LINDBERGH E	0.12	0.09	0.8	0.078	0.67	0.26	0.33	
LINDBERGH F	0.31	0.14	1.3	0.081	0.58	0.30	0.42	
LINDBERGH I	0.13	0.07	0.9	0.100	0.64	0.33	0.36	
LINDBERGH K	0.77	0.24	1.6	0.093	0.67	0.30	0.33	
BEAVERDAM A	3.90	0.30	5.2	0.119	0.73	0.34	0.27	
BEAVERDAM B	3.40	0.33	4.8	0.103	0.63	0.34	0.37	
BEAVERDAM C	5.38	0.61	3.2	0.132	0.81	0.34	0.19	
BEAVERDAM D	29.84	3.15	3.6	0.124	0.82	0.32	0.18	
BEAVERDAM E	28.14	3.44	3.1	0.127	0.81	0.33	0.19	
BEAVERDAM F	8.07	1.17	2.6	0.129	0.82	0.33	0.18	
BEAVERDAM H	1.68	0.21	2.9	0.133	0.79	0.35	0.21	
COLD LAKE A	9.74	1.00	3.7	0.128	0.76	0.35	0.24	
COLD LAKE B	1.77	0.27	2.4	0.135	0.77	0.36	0.23	
MANN LAKE/SEIBERT LK A	6.61	5.50	4.4	0.129	0.82	0.33	0.18	
SUBTOTAL	207.08							
LOWER GRAND RAPIDS 2								
FROG LAKE OO	1.71	0.27	2.9	0.103	0.74	0.30	0.26	
FROG LAKE QQ	0.55	0.10	2.2	0.119	0.82	0.31	0.18	
LINDBERGH G	29.51	4.98	2.8	0.100	0.69	0.31	0.31	
LINDBERGH K	0.76	0.21	2.0	0.084	0.63	0.29	0.37	
LINDBERGH VV	0.36	0.12	1.5	0.095	0.68	0.30	0.32	
LINDBERGH WW	2.60	0.51	2.0	0.122	0.78	0.33	0.22	
BEAVERDAM A	4.66	1.67	1.8	0.069	0.62	0.25	0.38	
COLD LAKE A	3.29	0.95	1.5	0.111	0.71	0.33	0.29	
COLD LAKE D	0.58	0.19	1.2	0.122	0.75	0.34	0.25	
SUBTOTAL	44.03							
LOWER GRAND RAPIDS 3								
FROG LAKE C	4.74	0.46	4.4	0.110	0.76	0.31	0.24	
FROG LAKE D	10.38	1.09	3.7	0.121	0.80	0.32	0.20	
FROG LAKE E	4.50	0.88	2.3	0.106	0.73	0.31	0.27	
FROG LAKE F	0.41	0.10	1.9	0.097	0.73	0.29	0.27	
LINDBERGH F	31.58	3.02	4.2	0.118	0.78	0.32	0.22	
LINDBERGH L	1.58	0.24	2.9	0.108	0.69	0.33	0.31	
LINDBERGH M	8.40	1.46	2.7	0.100	0.69	0.31	0.31	
LINDBERGH O	12.23	1.58	3.9	0.093	0.67	0.30	0.33	
LINDBERGH P	2.04	0.25	3.5	0.110	0.76	0.31	0.24	
LINDBERGH Q	27.57	2.87	3.8	0.119	0.79	0.32	0.21	
LINDBERGH S	2.46	0.37	2.8	0.113	0.72	0.33	0.28	
LINDBERGH T	2.91	0.48	2.5	0.115	0.76	0.32	0.24	

TABLE 3-2

OIL SANDS AREA OIL SANDS DEPOSIT OIL SANDS SECTOR, OIL SANDS POOL OVERBURDEN DEPTH (m) OR ZONE	1 INITIAL VOLUME IN PLACE	2 AREA	3 AVERAGE PAY THICKNESS	4 BITUMEN SATURATION		5 POROSITY	6 WATER SATN	7 REMARKS
	$10^6 m^3$	$10^3 ha$	m	mass frac	pore vol frac	frac	frac	
L GRD RP 3 (CONTINUED)								
LINDBERGH U	0.18	0.06	1.4	0.093	0.70	0.29	0.30	
LINDBERGH V	0.13	0.06	1.3	0.081	0.56	0.31	0.44	
LINDBERGH X	0.75	0.20	2.4	0.073	0.57	0.28	0.43	
LINDBERGH Y	1.61	0.35	2.5	0.086	0.59	0.31	0.41	
LINDBERGH Z	0.12	0.07	0.8	0.094	0.65	0.31	0.35	
LINDBERGH AA	3.26	0.50	3.1	0.099	0.71	0.30	0.29	
LINDBERGH BB	0.08	0.03	1.4	0.092	0.59	0.33	0.41	
LINDBERGH CC	2.18	0.31	3.0	0.110	0.76	0.31	0.24	
LINDBERGH OO	0.24	0.09	1.6	0.075	0.54	0.30	0.46	
LINDBERGH XX	0.32	0.09	1.9	0.086	0.62	0.30	0.38	
LINDBERGH YY	3.94	0.39	4.0	0.117	0.81	0.31	0.19	
FROG LAKE/LINDBERGH C	10.10	1.07	3.8	0.118	0.78	0.32	0.22	
FROG LAKE/BEAVERDAM A	3.85	0.55	2.8	0.119	0.73	0.34	0.27	
LINDBERGH/ST. PAUL A	9.58	0.81	4.6	0.121	0.80	0.32	0.20	
BEAVERDAM B	84.54	9.72	3.5	0.116	0.77	0.32	0.23	
BEAVERDAM G	1.46	0.25	2.4	0.115	0.76	0.32	0.24	
BEAVERDAM H	1.65	0.31	2.1	0.120	0.74	0.34	0.26	
COLD LAKE B	2.73	0.56	2.0	0.116	0.71	0.34	0.29	
SUBTOTAL	235.51							
LOWER GRD RAP CHANNEL SD								
BEAVERDAM F	26.72	0.86	10.4	0.145	0.83	0.36	0.17	
SUBTOTAL	26.72							
LOWER GRAND RAPIDS 4								
FROG LAKE G	9.15	0.97	3.6	0.124	0.79	0.33	0.21	
FROG LAKE I	15.75	1.53	4.0	0.121	0.80	0.32	0.20	
FROG LAKE J	1.29	0.20	2.8	0.109	0.75	0.31	0.25	
FROG LAKE K	0.80	0.06	4.3	0.146	0.93	0.33	0.07	
FROG LAKE L	0.60	0.11	2.1	0.121	0.80	0.32	0.20	
FROG LAKE M	1.04	0.21	2.2	0.107	0.71	0.32	0.29	
FROG LAKE N	2.88	0.34	3.1	0.129	0.82	0.33	0.18	
FROG LAKE P	1.97	0.22	3.2	0.135	0.86	0.33	0.14	
FROG LAKE Q	1.43	0.25	2.6	0.102	0.73	0.30	0.27	
FROG LAKE T	0.25	0.06	1.7	0.122	0.78	0.33	0.22	
FROG LAKE NN	3.72	0.30	5.7	0.101	0.70	0.31	0.30	
FROG LAKE PP	0.20	0.04	1.7	0.086	0.57	0.32	0.43	
LINDBERGH B	15.10	1.77	3.4	0.116	0.80	0.31	0.20	
LINDBERGH C	6.85	0.93	3.1	0.113	0.75	0.32	0.25	
LINDBERGH D	3.62	0.49	3.4	0.102	0.73	0.30	0.27	
LINDBERGH E	3.24	0.50	2.7	0.115	0.79	0.31	0.21	
LINDBERGH H	1.95	0.33	2.5	0.109	0.75	0.31	0.25	
LINDBERGH I	1.44	0.25	2.5	0.109	0.75	0.31	0.25	
LINDBERGH J	3.54	0.56	2.7	0.110	0.76	0.31	0.24	
LINDBERGH DD	0.31	0.08	2.0	0.092	0.61	0.32	0.39	
LINDBERGH EE	0.05	0.10	2.2	0.009	0.73	0.03	0.27	
LINDBERGH FF	1.50	0.26	2.4	0.115	0.76	0.32	0.24	
LINDBERGH GG	0.19	0.04	2.3	0.098	0.60	0.34	0.40	
LINDBERGH HH	0.80	0.17	2.4	0.090	0.62	0.31	0.38	
LINDBERGH II	0.20	0.04	2.6	0.089	0.59	0.32	0.41	
LINDBERGH JJ	6.05	0.70	3.4	0.119	0.79	0.32	0.21	
LINDBERGH KK	0.63	0.13	2.2	0.105	0.67	0.33	0.33	
LINDBERGH MM	9.85	1.25	3.3	0.112	0.77	0.31	0.23	
LINDBERGH NN	2.73	0.38	2.9	0.119	0.76	0.33	0.24	
LINDBERGH PP	2.67	0.34	3.7	0.099	0.71	0.30	0.29	
LINDBERGH QQ	0.79	0.14	2.4	0.107	0.80	0.29	0.20	
LINDBERGH RR	0.05	0.02	1.4	0.089	0.64	0.30	0.36	
LINDBERGH SS	3.12	0.29	4.7	0.110	0.70	0.33	0.30	
LINDBERGH UU	0.53	0.10	2.3	0.109	0.75	0.31	0.25	
LINDBERGH ZZ	10.13	1.10	3.8	0.113	0.78	0.31	0.22	
LINDBERGH EEE	0.56	0.05	4.2	0.129	0.82	0.31	0.18	
BEAVERDAM C	24.01	2.69	3.5	0.119	0.79	0.32	0.21	
COLD LAKE C	4.22	0.77	2.2	0.117	0.72	0.34	0.28	
LINDBERGH/ST. PAUL B	9.63	1.22	3.4	0.110	0.73	0.32	0.27	
SUBTOTAL	152.84							
LOWER GRAND RAPIDS 5								
LINDBERGH AAA	2.51	0.40	3.1	0.093	0.70	0.29	0.30	
LINDBERGH BBB	0.29	0.10	1.6	0.083	0.62	0.29	0.38	
LINDBERGH CCC	0.11	0.04	1.6	0.080	0.60	0.29	0.40	
ST. PAUL A	1.93	0.32	3.1	0.089	0.64	0.30	0.36	
ST. PAUL B	0.24	0.06	2.2	0.084	0.63	0.29	0.37	
SUBTOTAL	5.08							

TABLE 3-2

OIL SANDS AREA OIL SANDS DEPOSIT OIL SANDS SECTOR, OIL SANDS POOL OVERBURDEN DEPTH (m) OR ZONE	1 INITIAL VOLUME IN PLACE $10^6 m^3$	2 AREA $10^3 ha$	3 AVERAGE PAY THICKNESS m	4 BITUMEN SATURATION mass frac	4 BITUMEN SATURATION pore vol frac	5 POROSITY frac	6 WATER SATN frac	7 REMARKS
LLOYDMINSTER								
FROG LAKE A	1.34	0.17	3.9	0.097	0.62	0.33	0.38	
FROG LAKE B	4.63	0.54	4.4	0.091	0.63	0.31	0.37	
FROG LAKE C	2.85	0.38	3.6	0.100	0.64	0.33	0.36	
LINDBERGH D	4.11	0.61	2.8	0.116	0.74	0.33	0.26	
LINDBERGH F	2.91	0.48	3.6	0.078	0.56	0.30	0.44	
LINDBERGH G	1.01	0.14	4.0	0.085	0.61	0.30	0.39	
LINDBERGH H	28.96	2.38	5.1	0.113	0.75	0.32	0.25	
LINDBERGH I	7.66	0.52	5.6	0.123	0.85	0.31	0.15	
LINDBERGH J	0.68	0.22	1.4	0.109	0.72	0.32	0.28	
BEAVERDAM A	128.78	6.39	8.9	0.107	0.71	0.32	0.29	
FROG LAKE/LINDBERGH A	5.31	0.59	4.6	0.091	0.63	0.31	0.37	
LINDBERGH/ST. PAUL B	63.05	2.52	8.9	0.133	0.85	0.33	0.15	
LINDBERGH/ST. PAUL C	3.81	0.34	4.7	0.113	0.75	0.32	0.25	
LINDBERGH/BEAVERDAM A	44.56	3.16	5.5	0.120	0.83	0.31	0.17	
LINDBERGH/BEAVERDAM/ BONNYVILLE A	511.25	19.81	8.9	0.138	0.85	0.34	0.15	
COLD LAKE A	15.74	1.29	4.7	0.125	0.74	0.35	0.26	
SUBTOTAL	826.65							
CLEARWATER								
300 - 600	11 051.00	589.00	15.0	0.089	0.64	0.30	0.36	
SUBTOTAL	11 051.00							
WABISKAW-MCMURRAY								
300 - 600								
BUILDING BLOCK	2 940.00	591.00	6.0	0.057	0.51	0.25	0.49	
ISOPACH								
CUMMINGS 1								
FROG LAKE A	4.07	0.69	2.4	0.116	0.83	0.30	0.17	
FROG LAKE/LINDBERGH A	38.17	3.73	3.9	0.122	0.84	0.31	0.16	
LINDBERGH/ST. PAUL A	295.07	29.81	4.2	0.109	0.78	0.30	0.22	
SUBTOTAL	337.31							
CUMMINGS 2								
ST. PAUL B	1.32	0.18	3.2	0.106	0.76	0.30	0.24	
LINDBERGH/ST. PAUL B	228.09	20.93	4.3	0.117	0.81	0.31	0.19	
SUBTOTAL	229.41							
MCMURRAY								
LINDBERGH A	89.87	5.49	6.1	0.127	0.84	0.32	0.16	
LINDBERGH B	0.09	0.02	2.4	0.083	0.68	0.27	0.32	
LINDBERGH C	42.67	5.50	3.3	0.112	0.77	0.31	0.23	
LINDBERGH D	0.94	0.11	3.2	0.125	0.86	0.31	0.14	
LINDBERGH E	0.08	0.04	1.0	0.088	0.69	0.28	0.31	
LINDBERGH F	8.11	0.55	6.7	0.103	0.71	0.31	0.29	
ST. PAUL A	0.04	0.02	1.2	0.090	0.62	0.31	0.38	
SUBTOTAL	141.80							
PEACE RIVER								
BLUESKY-GETHING								
300 - 700								
BUILDING BLOCK	527.00	177.00	9.0	0.052	0.47	0.25	0.53	
ISOPACH	13 460.00	976.00	6.0	0.061	0.60	0.23	0.40	
SUBTOTAL	13 987.00							
BELLOY								
675 - 700	282.00	26.00	8.0	0.078	0.64	0.27	0.36	
SUBTOTAL	282.00							
UPPER DEBOLT								
500 - 800	1 830.00	100.00	13.0	0.050	0.61	0.19	0.39	
SUBTOTAL	1 830.00							
LOWER DEBOLT								
500 - 800	5 970.00	202.00	29.0	0.051	0.67	0.18	0.33	
SUBTOTAL	5 970.00							
SHUNDA								
500 - 800	2 510.00	143.00	14.0	0.053	0.52	0.23	0.48	
SUBTOTAL	2 510.00							
TOTAL	268 541.45							

DISCREPANCIES IN TOTAL AND SUBTOTALS ARE DUE TO ROUNDING

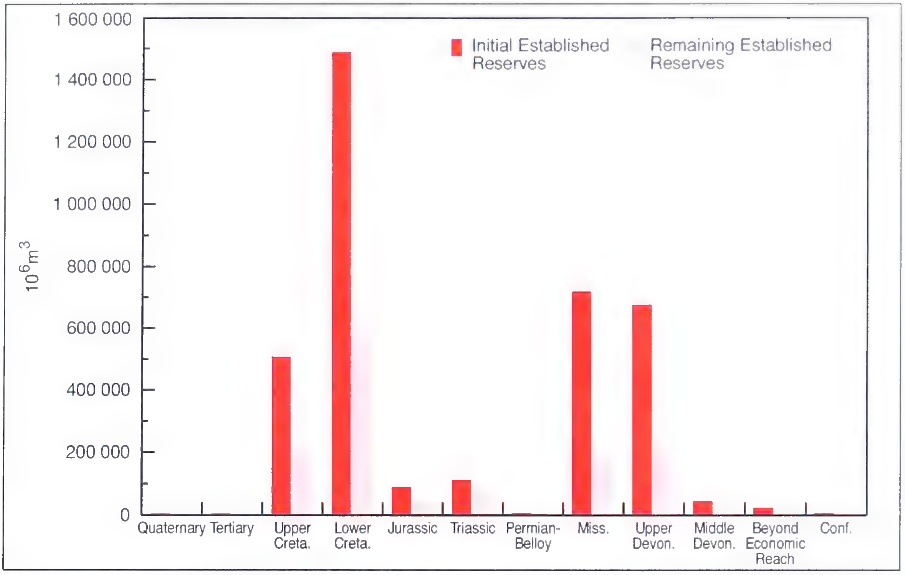

Figure 4-1 Geological Distribution of Reserves of Marketable Gas

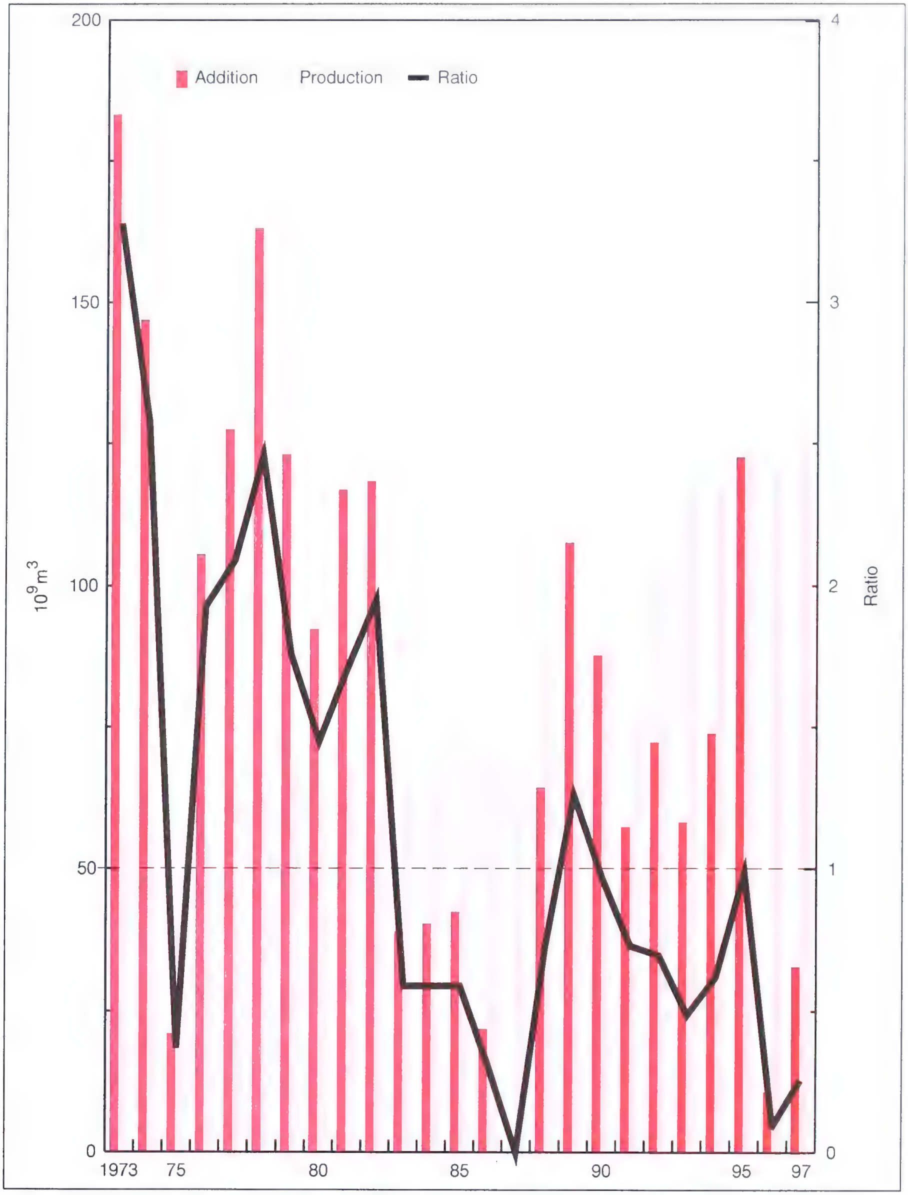

Figure 4-2 Additions to Established Reserves of Marketable Gas and Replacement Ratio

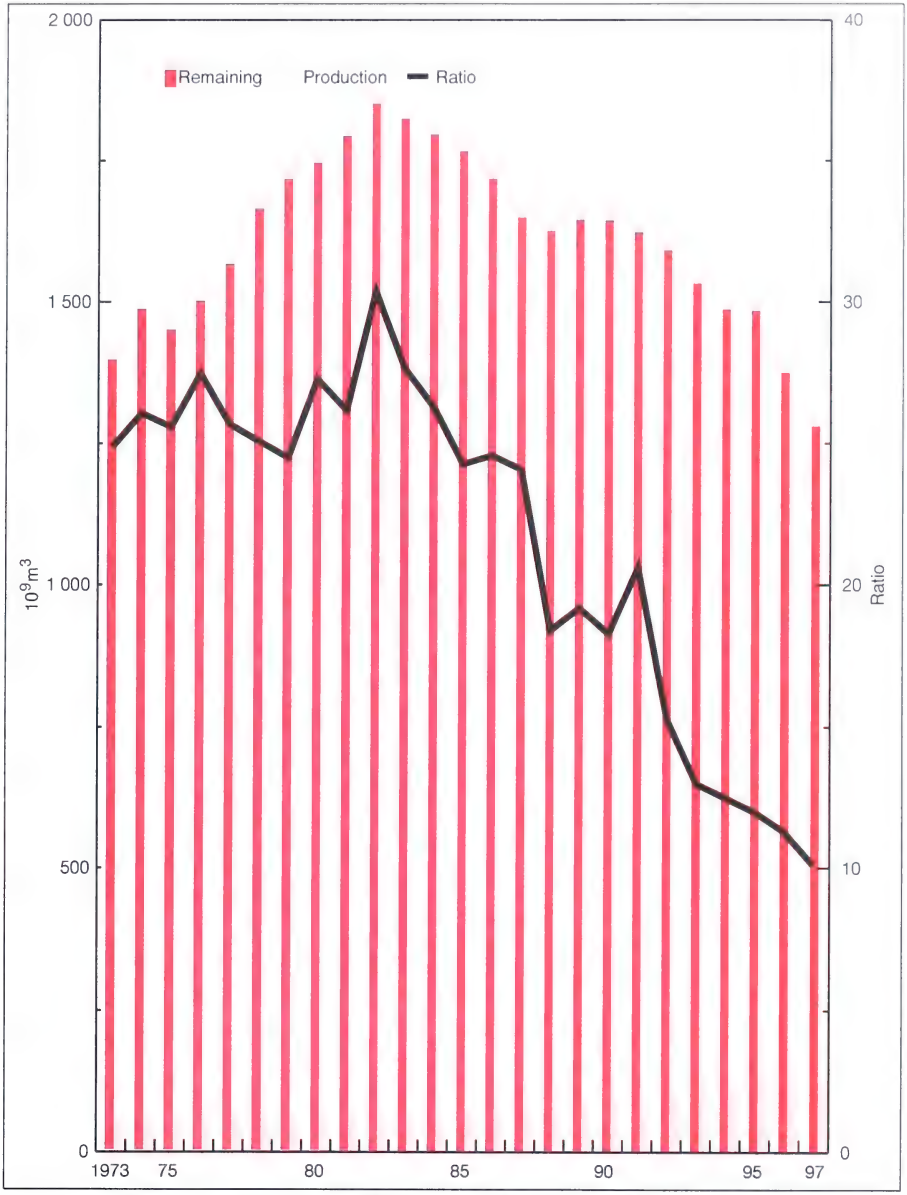

Figure 4-3 **Remaining Established Reserves of Marketable Gas and Reserves / Production Ratio**

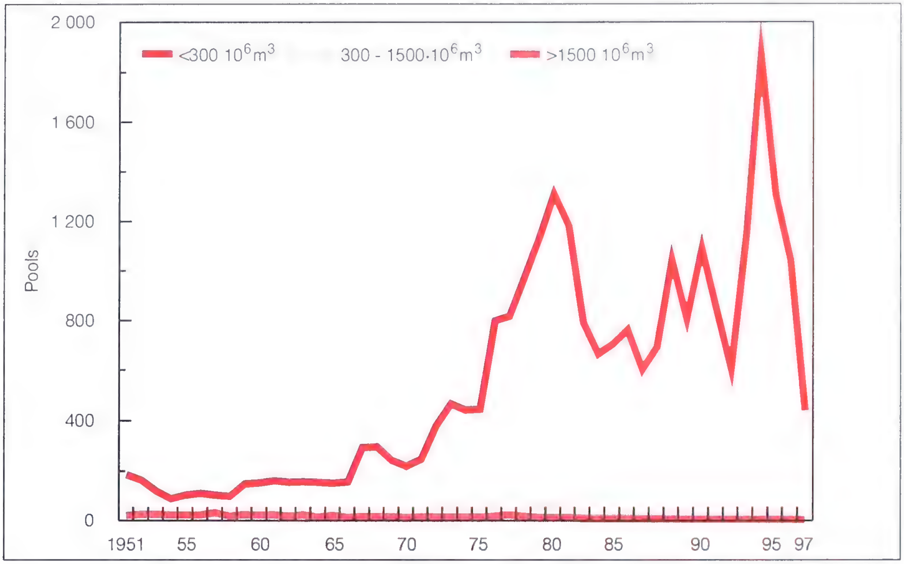

Figure 4-4 Number of Gas Pools Discovered by Size and Discovery Year as of Year-end 1997

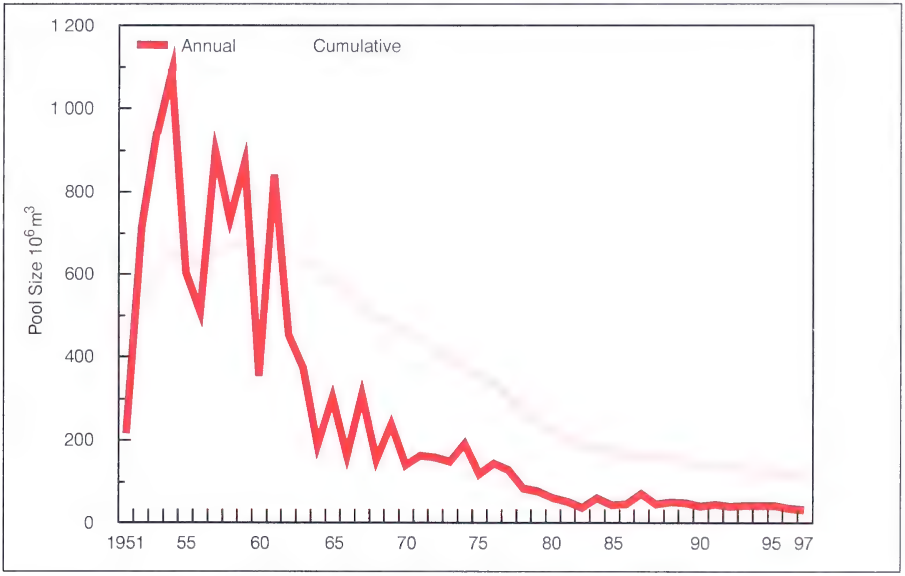

Figure 4-5 Average Annual and Cumulative Gas Pool Size as of Year-end 1997

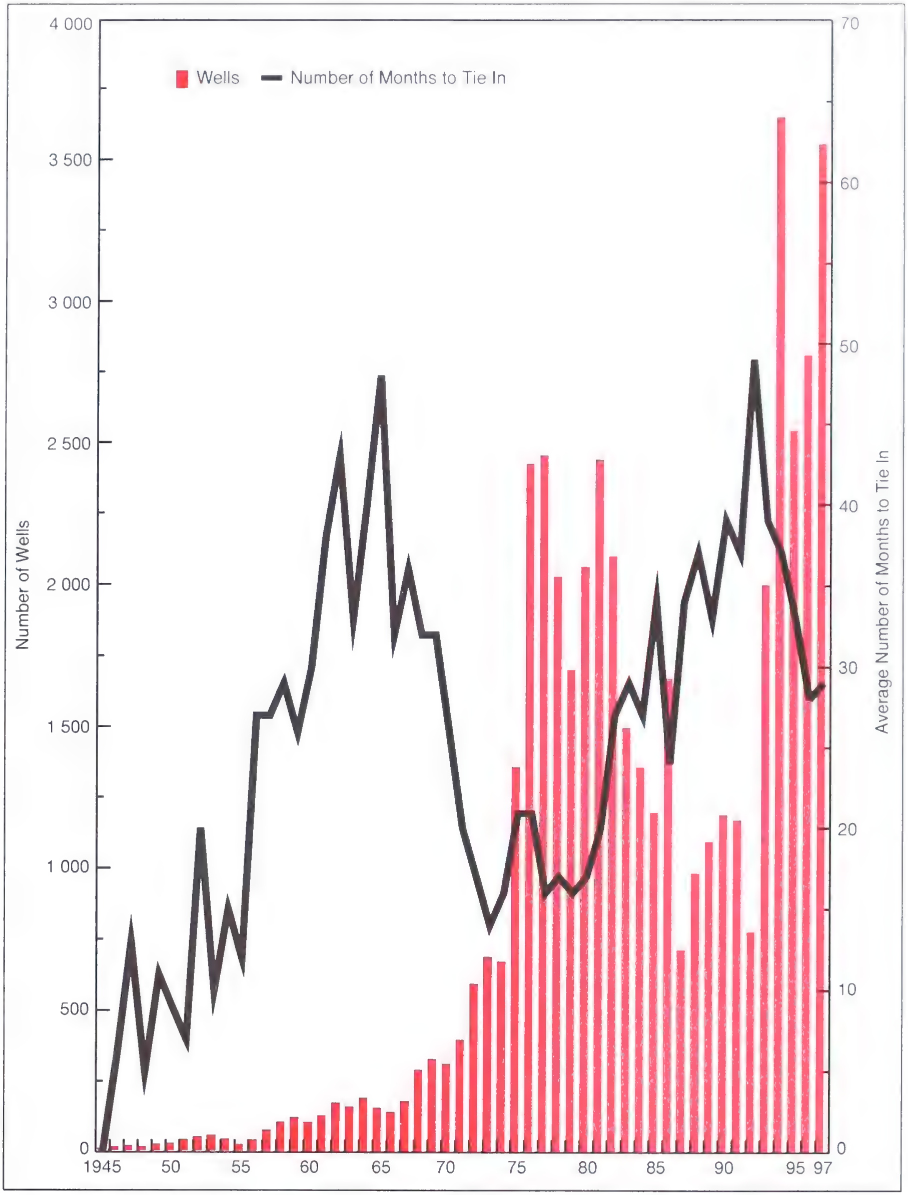

Figure 4-6 Gas Wells With Production in 1997 by the Year Well Placed on Production and the Average Number of Months to Tie In
(Years Prior to 1945 Excluded)

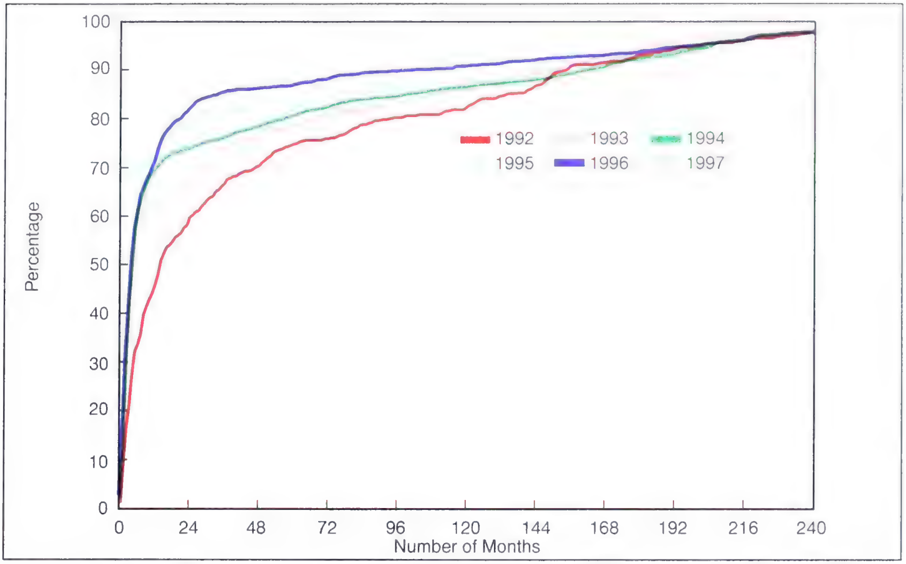

Figure 4-7 **Comparison of the Number of Months Before Tie In for Gas Wells Placed on Production in 1992-1997 Versus Cumulative Percentage of Wells**
(Excludes Wells Which Had Previously Been on Production From Another Event)

4 RESERVES OF GAS

4.1 Provincial Summary

The Board estimates the remaining established reserves of marketable gas in Alberta at 31 December 1997 to be 1284 billion cubic metres, having a thermal (heating value) energy content of 49.2 exajoules. This represents a net decrease of 94.2 billion cubic metres since 31 December 1996. The reserves include ethane and natural gas liquids subsequently recovered at reprocessing plants as discussed in Section 4.9.

The initial established reserves attributable to new pools discovered in 1997 totalled 14.5 billion cubic metres, while development and re-evaluation of existing reserves was 18.6 billion cubic metres. (See Section 8, Table 8-2). Excluding reductions made as a result of Phase III of the Unconnected Gas Review described in Section 4.5 and the database clean-up reductions described in Section 4.6, the overall increase in initial established reserves of 115.9 billion cubic metres would have replaced 91 per cent of Alberta's 1997 production of 127.3 billion cubic metres. However, including the aforementioned reductions, the overall increase in initial established reserves was only 33.1 billion cubic metres or a 26 per cent replacement of production.

The changes in remaining reserves during 1997 are shown below:

Remaining Established Reserves of Marketable Gas

	Actual Heating Value Basis 10^9 m^3	**Change** 10^9 m^3	**37.4 MJ/m^3 Basis** 10^9 m^3	**Energy Content** 10^{18} J
At 31 December 1996				
Associated and solution	229.1			
Non-associated	1 149.0			
Total	1 378.1		1 410.1	52.7
Additions during 1997	33.1		34.0	1.4
Less production during 1997	127.3		129.7	4.9
At 31 December 1997				
Associated and solution	222.7	- 6.4	237.9	8.9
Non-associated	1 061.2	- 87.8	1 076.5	40.3
Total	1 283.9 (45 571)[a]	- 94.2	1 314.4 (46 652)[b]	49.2

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[a] Imperial equivalent in billions of cubic feet at 14.65 pounds per square inch absolute and 60 degrees Fahrenheit.

[b] Imperial equivalent in billions of cubic feet of 1000 British thermal units per cubic foot of gas.

At year-end 1997, gas reserves were assigned to 23 922 pools in the province. Of these, 16 732 had produced or are being produced and had remaining established reserves of 1057 billion cubic metres after cumulative production of 2433 billion. The 7190 pools not on production had aggregate initial established reserves of marketable gas of 227 billion cubic metres, including 14.4 billion cubic metres of associated initial marketable gas reserves (gas-cap gas) classified as deferred.

4.2 Reserves of Gas Containing Hydrogen Sulphide

Some 2555 gas pools in the province contain at least some hydrogen sulphide and are classed as "sour". The distribution of established reserves of sweet and sour gas is shown below:

	Raw Gas		**Marketable Gas**		
Type of Gas	**Initial Volume in Place**	**Initial Producible**	**Initial Established Reserves**	**Net Cumulative Production**	**Remaining Established Reserves**
	10^6 m^3				
Sweet					
Associated	370 842	286 152			
Solution	673 832	257 009	432 009	289 433	142 576
Non-associated	2 997 661	2 155 423	1 999 646	1 215 658	783 988
Subtotal	4 042 335	2 698 584	2 431 655	1 505 091	926 564
Sour					
Associated	409 767	334 260			
Solution	270 509	160 660	353 749	273 636	80 113
Non-associated	1 681 028	1 287 686	931 213	653 984	277 229
Subtotal	2 361 304	1 782 606	1 284 962	927 620	357 342
Total	6 403 639 (227 289)[a]	4 481 190 (159 054)[a]	3 716 617 (131 917)[a]	2 432 711 (86 346)[a]	1 283 906 (45 571)[a]
Sour Gas Percentage of Total	36.87	39.78	34.57	38.13	27.83

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[a] Imperial equivalent in billions of cubic feet at 14.65 pounds per square inch absolute and 60 degrees Fahrenheit.

The distribution of sour gas reserves by hydrogen sulphide content in the raw gas is shown below:

H_2S Content in Raw Gas	Raw Gas						Marketable Gas			
	Initial Volume in Place			Initial Producible			Initial Established Reserves		Remaining Established Reserves	
	Assoc	Soln	Non-Assoc	Assoc	Soln	Non-Assoc	Assoc & Soln	Non-Assoc	Assoc & Soln	Non-Assoc
mole percentage	10^6 m^3									
0.01-1.99	240 675	138 117	402 320	205 897	82 348	318 461	230 376	279 804	58 681	94 446
2.00-9.99	126 670	99 719	512 502	101 617	58 254	416 082	93 934	338 637	14 636	100 715
10.00-19.99	18 554	27 124	388 231	11 812	16 471	286 329	18 371	182 047	4 093	48 666
20.00-29.99	23 799	5 455	118 621	14 880	3 526	67 333	11 021	42 304	2 675	14 162
30.00-more	69	94	259 354	54	61	199 481	47	88 421	28	19 240
Total	409 767	270 509	1 681 028	334 260	160 660	1 287 686	353 749	931 213	80 113	277 229
Percentage of Total	17.35	11.46	71.19	18.75	9.01	72.24	27.53	72.47	22.42	77.58

The average H_2S concentration of the initial gas-in-place reserves of sour gas in the province at year-end 1997 is 10.03 per cent. The equivalent concentration based on initial producible reserves is 9.65 per cent.

The distribution of marketed gas production by hydrogen sulphide content in the raw gas is shown below:

H_2S Content in Raw Gas	1997 Cumulative Marketed Production		1997 Annual Marketed Production	
mole percentage	10^6 m^3	percentage of total	10^6 m^3	percentage of total
0.00	1 505 091	61.87	91 569	71.96
0.01-1.99	357 053	14.68	17 963	14.12
2.00-9.99	317 220	13.04	9 547	7.50
10.00-19.99	147 659	6.07	4 671	3.67
20.00-29.99	36 488	1.50	1 065	0.84
30.00 or more	69 200	2.84	2 436	1.91
Total	2 432 711	100.00	127 251	100.00

Sulphur reserves are discussed in Chapter 7.

4.3 Distribution of Gas Reserves by Pool Size

The distribution of initial and remaining established reserves of marketable gas among pools of different size ranges is shown below. For the purposes of this table, where gas production from two or more pools is commingled in the wellbore, the pools are considered as one pool, the SE Alta Gas System (MU) is considered on a field basis, and associated and solution gas reserves in a pool have been combined.

Reserve Range	**Pools**		**Initial Established Marketable Reserves**		**Remaining Established Marketable Reserves**	
10^6 m^3	number	percentage of total	10^6 m^3	percentage of total	10^6 m^3	percentage of total
3000 or more	159	0.66	1 839 617	49.50	386 502	30.10
1500-2999	126	0.53	254 322	6.84	78 957	6.15
300-1499	1 184	4.95	700 164	18.84	279 105	21.74
1-299	22 453	93.86	922 514	24.82	539 342	42.01
Total	23 922	100.00	3 716 617 (131 917)[a]	100.00	1 283 906 (45 571)[a]	100.00

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[a] Imperial equivalent in billions of cubic feet at 14.65 pounds per square inch absolute and 60 degrees Fahrenheit.

4.4 Growth of Marketable Gas Reserves

The addition of 33.1 billion cubic metres to the initial established reserves during 1997 resulted partly from 14.5 billion cubic metres from new discoveries made during the year. In addition 101.4 billion cubic metres were attributed to development drilling, the reassessment of previously discovered reserves and reserves discovered before 1997 but first recognized by the Board in 1997. However, 82.8 billion cubic metres were deleted from the reserves database as a result of Phase III of the Unconnected Gas Review and database clean-up reductions.

The deletion of the 82.8 billion cubic metres of initial established reserves is discussed in more detail in Sections 4-5 and 4-6.

The reserve growth rate is more fully discussed in Chapter 8.

The pools for which initial marketable gas reserves were added or revised by 800 million cubic metres or greater in 1997 are listed in Table 4-1. The revisions occurred primarily as a result of detailed reviews of the reserves of these pools by operators and Board staff.

4.5 Unconnected Gas Reserve Review

Unconnected gas reserves are those reserves assigned to pools that do not have any wells connected to a gathering system and/or have not been placed on production. Unconnected gas pools in the Province of Alberta recognized by the common reserves data base of the Alberta Energy and Utilities Board (EUB) and the National Energy Board (NEB) contained a total of 435 billion cubic metres of marketable gas at 31 December 1995, or approximately 29 per cent of the total remaining gas reserves in the province.

A staged process to review unconnected gas pools was planned and put into effect by the EUB and NEB as described in EUB General Bulletin 95-16, *Unconnected Gas Review 95-1*, dated 13 October 1995. To date three phases have been completed. The first phase of this review covered single well pools discovered prior to 1967, and resulted in the deletion of 14.8 billion cubic metres of marketable gas from the database for year-end 1995.

Phase II was initiated by EUB General Bulletin 96-8, *Unconnected Gas Review 96-1*, dated 19 July 1996. It covered single well pools discovered between 1967 and 1977, inclusive and resulted in the deletion of 49.9 billion cubic metres from the data for year-end 1996.

Phase III was initiated by EUB General Bulletin 97-9, *Unconnected Gas Review 97-1*, dated 14 July 1997. It covered 4190 unconnected single well gas pools drilled between 1978 and 1987, inclusive. The review involved 308 companies and an initial marketable gas reserves of 117.6 billion cubic metres. Responses were received from 99 companies controlling 3070 pools containing 86.7 billion cubic metres of reserves. The responding companies only commented on 2772 pools, containing 75.8 billion cubic metres. They indicated that they agreed with carrying 50.3 of the 75.7 billion cubic metres or 66 per cent of the reserves. Therefore the balance of the 25.5 billion cubic metres were deleted from the EUB/NEB common reserve database.

Ten of the responding companies did not comment on 167 pools containing 3.9 billion cubic metres of reserves under their control and these reserves were therefore deleted from the database. The responding companies also indicated that a further 131 pools containing 7.1 billion cubic metres had been sold to other companies. No other response was received on these pools and these reserves were also deleted from the database. Added to this was a further 30.9 billion cubic metres for which there was absolutely no response from industry. These reserves, as in Phase I and Phase II, were deleted from the database. The total reduction for Phase III was 76.3 billion cubic metres.

The total reduction to the unconnected reserves in the Phase III study amounted to a 56 per cent decrease in the total number of pools and a 57 per cent decrease in the initial marketable gas for this group of pools. As indicated in GB 97-9, the EUB and NEB did not analyze reserves for this phase of unconnected pools, but relied on industry input regarding reserves retention.

The following table overviews the Phase III request, submission and results.

Phase III Summary

Item	Number of Pools	Total IMG 10^9m^3
Total Unconnected Pools	4 190	117.6
Total Pools Covered by Submissions	2 772	75.8
Pools supported for Retention in Submissions	1 841	50.3
Total Reserve Reduction	2 349	67.3
Total Reserve Reduction as Percentage	56%	57%

Phase IV of the unconnected gas review covering approximately 339 pools discovered in 1988, and containing some 11 billion cubic metres, will be initiated in the summer of 1998. The EUB and NEB intend to follow the same procedures used in Phase III of the review and to reflect any reductions for this phase in the year-end 1998 common reserve database. This study will continue to review the "eleventh" year from the current year on an ongoing basis.

4.6 Database Clean-up Reductions

The criteria used to identify single well pools for the unconnected gas review were that they be undefined and have no production. This left three other areas to be investigated: undefined pools with production, defined pools that were now abandoned and undefined pools with no production that had been abandoned but were still retained on the database.

Programs were generated to check the well status on the Basic Well Data System and the producing history of the wells on the Production Information Data System against what was being carried on the Gas Reserve System. There were 16 undefined pools on the database which had production but were now abandoned, 532 defined pools that had production but had since been abandoned and 151 pools that had no production and had been abandoned.

The following table summarizes the results of this review.

Database Clean-up Summary

Item	Number of Pools	Total IMG $10^9 m^3$
Pools to be defined and set to cumulative production	16	0.4
Defined pools set to cumulative production	532	10.5
Undefined pools with no production that are now abandoned	151	4.6
Total Reduction	699	15.5

The programs used in this review will now be run on an annual basis to ensure the integrity of the database.

4.7 Reserves of Pools Calculated on an Energy Basis

Reserves of major retrograde condensate pools are tabulated on both an energy and a volumetric basis. Table 4-2 lists the initial energy in place, the recovery factor and surface loss factor (both on an energy basis), and the initial marketable energy for each pool. The table also lists raw- and marketable-gas heating values used to convert from a volumetric to an energy basis. The volumetric reserves of these pools are included in Table 4-5, but with recovery factors and surface loss factors deleted.

4.8 Commercial Gas Storage Pools

Several pools in the province are being used for commercial gas storage to provide an efficient means of balancing supply with fluctuating market demand. Commercial gas storage is defined as the storage of third-party non-native gas allowing marketers to take advantage of seasonal price differences, effect custody transfers, and maintain reliability of supply. Gas from many sources may be stored at these facilities under fee-for-service, buy-sell or other contractual arrangements.

The remaining established marketable gas reserves for commercial gas storage pools can fluctuate depending on the supply and demand for gas. In the summer season when demand is lower, gas from other pools is injected into these pools. As the winter approaches, the demand for gas supply rises, injection slows or ends, and production generally begins at high withdrawal rates. Therefore, reserves for gas storage pools could vary significantly throughout this injection/production cycle and should only be considered reliable for the time of evaluation. A list of commercial gas storage pools, along with the operators and storage information, is shown in the following table.

Commercial Gas Storage Pools
As at 31 December 1997

Pool	Operator	Storage Capacity $10^6 m^3$	Maximum Deliverability $10^3 m^3/d$
Carbon Glauconitic	Canadian Western Natural Gas	1 100	15 500
Crossfield East Elkton A & D	Amoco Canada Petroleum Limited	1 130	14 200
McLeod Cardium A	Energy Spectrum Canada Inc.	700	14 200
Suffield Upper Mannville I & K, and Bow Island N & BB	Alberta Energy Company Ltd.	2 630	51 000

4.9 Reserves of Ethane and Natural Gas Liquids Included in Gas Reserves

The remaining established reserves of natural gas discussed in Section 4.1 are determined at the field gate. A portion of the ethane and natural gas liquids they contain enter trunk line systems and will be extracted downstream at reprocessing plants. If these quantities which will be extracted are deducted from the remaining established reserves of marketable gas, the gas reserves and the thermal energy content would be reduced from 1284 billion to 1242 billion cubic metres and from 49.2 to 45.8 exajoules, respectively, as shown at the end of Table 4-5.

Reserves of ethane and natural gas liquids are discussed in more detail in Chapters 5 and 6, respectively.

4.10 Discussion of Reserves Table 4-5

The established reserves of marketable gas have been estimated having regard for information presented by the industry in submissions and studies by EUB and NEB staff.

The established reserves of gas are listed in Table 4-5 alphabetically by strike area. Strike areas where no field has been designated by the Board are identified by "SA" immediately following the name. The approximate location of the strike area is also given. The data presented are condensed from the gas reserve system data file[1]. Pools having initial marketable gas reserves greater than or equal to 300 million cubic metres are listed individually. Pools having reserves less than 300 million cubic metres are grouped within each field or area and presented as a total. The total reserve in a field or area is shown as the last entry.

Where the established reserve for a pool is based on material-balance or production-decline calculations, the reservoir factors last established for the pool for volumetric calculations have been retained for informational purposes.

Where production from two or more pools is commingled before measurement, the initial reserve estimate for each pool is shown, if available, together with the total reserve estimate for the pools. Production is subtracted from the sum of the initial established marketable reserves of the pools to obtain the remaining established marketable reserves. Similarly, because production of associated- and solution-gas reserves for a pool has not been determined separately, the combined net cumulative production is subtracted from the sum of the initial established marketable reserves of associated and solution gas. Therefore, Table 4-5 shows initial reserves by category but includes remaining associated- and solution-gas reserves only on a combined basis.

Gas reserves in communication with crude bitumen have been classified as non-associated reserves in this report.

The amount of marketable gas produced from a pool is determined by adjusting the cumulative raw gas production from the pool for the estimated surface loss. Where gas has been injected for the enhanced recovery of oil, cycling of gas pools, and gas storage, the volumes of injected gas are included in the remaining established reserves of marketable gas (column 6) of the respective pools. The volumes credited to the pools have been adjusted to reflect projected losses in the reservoir and in handling and processing.

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[1] The Board maintains a computer file of detailed reserves information for each pool in Alberta containing gas. The non-confidential portion of the file for year-end 1997 is available in the following forms:

(a) Diskettes of the gas reserves file.

(b) Magnetic computer tape of the gas reserve file.

(c) Cartridge tape of the gas reserves file.

(d) A COM-microfiche publication of gas reserves and reserve factors.

The marketed gas production generated by the gas reserves system for 1997 was 127.3 billion cubic metres. However, due to the high number of gas wells being placed on production, production from 1120 wells totalling 3.3 billion cubic metres was not included on the gas reserves database system for year-end 1997. (The actual net production of marketable gas, as determined from production reports, for 1997 was 132.7 billion cubic metres.) It is emphasized that because changes due to errors or to amendments to production reports have been made to the previously reported cumulative raw gas production for some pools, and because of the adjustments made to the injected gas volumes discussed above, **net production volumes** for any year **should not be calculated from cumulative numbers appearing in this and previous reports**.

The major purchasers of gas from particular fields are shown in column 20. This information has been updated to year-end 1997 based on the lands under contract data provided to the Board by those purchasers.

4.11 Other Matters

A summary of the distribution of established reserves of gas by geological period is shown in Table 4-3.

Pools that are common to more than one designated field and those pools whose production is commingled with such common pools are termed "multi-field pools". The reserve for each designated pool in a multi-field pool is shown under the designated field in Table 4-5. A list of pools contained in each multi-field pool, the individual initial established reserves, and the total initial established reserves for the multi-field pool are shown in Table 4-4.

Reserves in this report have been classified as within or beyond economic reach using a simple, partially computerized procedure adopted by the Board in 1979. The Board estimates the reserves classified as beyond economic reach to be 14 billion cubic metres at 31 December 1997.

The map in the back pocket of this report shows the locations of Board-designated fields as at 31 December 1997. The fields have been coloured either green (for oil) or yellow (for gas) based on which had the higher initial energy content.

TABLE 4-1 Major Gas Reserve Changes
1997

Pool	Initial Established Reserves 1997 10⁶ m³	Initial Established Reserves Change 10⁶ m³	Main Reasons for Change
Gold Creek Wabamun J	1 031	+ 1 031	New pool
Grand Prairie Montney A	198	- 1 449	Separation into pools and re-evaluation of initial volume in place
Jumping Pound West Turner Valley 36-24-6 W5M	0	1 135	Unconnected gas reserve review
La Glace Montney B	1 5 28	+ 918	Re-evaluation of initial volume in place
Lator Wabamun 29-62-3 W6M	0	- 834	Unconnected gas reserve review
Limestone Wabamun A	3 550	+ 838	Re-evaluation of initial volume in place
Marten Hills Wabamun C	107	- 805	Re-evaluation of initial volume in place
Moose Rundle A	3 302	+ 1 252	Re-evaluation of initial volume in place
Quirk Creek Rundle F	103	- 808	Re-evaluation of initial volume in place
Sinclair Halfway H	885	+ 885	New pool
Waterton Rundle M	1 792	- 2 004	Re-evaluation of initial volume in place
Webster Charlie Lake D	1 557	+ 1 198	Re-evaluation of initial volume in place

TABLE 4-2 Reserves of Pools Calculated on an Energy Basis

As at 31 December 1997

Pool	Raw Gas Initial Volume in Place	Raw Gas Gross Heating Value	Initial Energy in Place	Recovery Factor	Fuel and Shrinkage (Surface Loss Factor)	Initial Marketable Gas Energy	Marketable Gas Gross Heating Value	Initial Established Reserves of Marketable Gas
	10^6 m^3	MJ/m^3	10^6 MJ	fraction	fraction	10^6 MJ	MJ/m^3	10^6 m^3
Brazeau River Nisku J	707	74.44	52 603	0.75	0.50	19 726	41.01	481
Brazeau River Nisku K	1 129	74.17	83 738	0.75	0.60	25 121	42.15	596
Brazeau River Nisku M	1 489	76.22	113 463	0.75	0.60	34 039	41.36	823
Brazeau River Nisku P	8 663	61.23	530 435	0.74	0.65	137 383	40.00	3 435
Brazeau River Nisku S	1 665	54.64	90 976	0.80	0.57	31 296	41.38	756
Brazeau River Nisku W	1 895	55.65	105 462	0.72	0.35	49 356	41.13	1 200
Caroline Beaverhill Lake A	64 707	49.95	3 232 115	0.77	0.76	597 295	36.51	16 360
Carson Creek Beaverhill Lake B	10 941	55.68	609 198	0.90	0.39	334 450	41.65	8 030
Harmattan East Rundle	36 252	50.26	1 822 003	0.85	0.26	1 146 040	40.93	28 000
Harmattan-Elkton Rundle C	31 326	46.96	1 471 056	0.90	0.27	966 484	41.48	23 300
Kakwa A Cardium A	1 120	55.40	62 069	0.85	0.32	35 876	42.71	840
Kaybob Beaverhill Lake C	2 104	63.77	134 188	0.85	0.42	66 155	41.09	1 610
Kaybob South Beaverhill Lake A	103 728	52.61	5 457 156	0.77	0.61	1 638 784	39.68	41 300
Ricinus Cardium A	8 316	58.59	487 221	0.85	0.32	281 614	40.52	6 950
Valhalla Halfway B	6 331	53.89	341 178	0.80	0.33	182 871	40.00	4 572
Waterton Rundle-Wabamun A	82 379	48.74[a]	4 015 152	0.78	0.36	2 004 364	41.09	48 774
Wembley Halfway B	5 740	53.89	309 329	0.80	0.33	165 800	40.12	4 133
Westerose D-3	3 669	51.55	189 131	0.90	0.25	127 663	41.72	3 060
Westpem Nisku E	1 160	66.05	76 654	0.90	0.54	31 735	44.76	709
Windfall D-3 A	21 288	53.42	1 137 217	0.60	0.53	320 695	42.42	7 560

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[a] Producible raw gas gross heating value is 40.65 MJ/m^3.

TABLE 4-3 Geological Distribution of Established Reserves of Gas

As at 31 December 1997

	1	2	3	4	5	6	7	8
	Raw Gas	Marketable Gas			Raw Gas	Marketable Gas		
Geological Period	Initial Volume in Place	Initial Established Reserves	Net Cumulative Production	Remaining Energy Content	Initial Volume in Place	Initial Established Reserves	Net Cumulative Production	Remaining Energy Content
	10⁶ m³			TJ	Percentage of total			
Quaternary								
Quaternary	31	15	2	465				
Subtotal	31	15	2	465				
Tertiary								
Tertiary	167	82	54	1 026				
Subtotal	167	82	54	1 026				
Upper Cretaceous								
Belly River	140 718	85 890	47 065	1 442 648	2.20	2.31	1.93	2.93
Milk River & Med Hat	453 033	290 369	192 096	3 583 258	7.07	7.81	7.90	7.29
Cardium	381 111	87 495	48 737	1 567 582	5.95	2.35	2.00	3.19
Second White Specks	7 881	4 989	1 164	140 257	0.12	0.13	0.05	0.29
Other	87 388	45 331	28 151	681 684	1.36	1.22	1.16	1.39
Subtotal	1 070 131	514 074	317 213	7 415 429	16.71	13.83	13.04	15.08
Lower Cretaceous								
Viking	399 013	273 667	197 683	2 814 167	6.23	7.36	8.13	5.72
Basal Colorado	41 284	33 661	29 535	151 167	0.64	0.91	1.21	0.31
Mannville	1 723 141	1 129 881	681 675	17 061 816	26.91	30.40	28.02	34.71
Other	111 661	76 230	47 396	1 104 608	1.74	2.05	1.95	2.25
Subtotal	2 275 099	1 513 439	956 289	21 131 758	35.53	40.72	39.31	42.99
Jurassic								
Jurassic	88 453	55 778	27 726	1 111 507	1.38	1.50	1.14	2.26
Other	53 467	35 034	21 407	529 150	0.83	0.94	0.88	1.08
Subtotal	141 920	90 812	49 133	1 640 657	2.22	2.44	2.02	3.34
Triassic								
Triassic	169 028	109 402	40 626	2 690 307	2.64	2.94	1.67	5.48
Other	8 531	5 779	2 865	114 544	0.13	0.16	0.12	0.23
Subtotal	177 559	115 181	43 491	2 804 851	2.77	3.10	1.79	5.71
Permian								
Belloy	8 687	5 560	2 295	111 712	0.14	0.15	0.09	0.23
Subtotal	8 687	5 560	2 295	111 712	0.14	0.15	0.09	0.23

TABLE 4-3 (continued)

	1	2	3	4	5	6	7	8
	Raw Gas	Marketable Gas			Raw Gas	Marketable Gas		
Geological Period	Initial Volume in Place	Initial Established Reserves	Net Cumulative Production	Remaining Energy Content	Initial Volume in Place	Initial Established Reserves	Net Cumulative Production	Remaining Energy Content
	10^6 m^3			TJ	Percentage of total			
Mississippian								
Rundle	907 104	546 956	409 505	5 378 873	14.17	14.72	16.83	10.94
Other	266 885	178 642	143 569	1 343 992	4.17	4.81	5.90	2.73
Subtotal	1 173 989	725 598	553 074	6 722 865	18.33	19.52	22.73	13.68
Upper Devonian								
Wabamun	214 595	103 054	70 367	1 220 652	3.35	2.77	2.89	2.48
Nisku	111 680	53 302	22 494	1 217 598	1.74	1.43	0.92	2.48
Leduc	471 497	242 043	198 393	1 748 124	7.36	6.51	8.16	3.56
Beaverhill Lake	464 810	205 789	134 686	2 752 823	7.26	5.54	5.54	5.60
Other	159 230	84 538	68 323	589 473	2.49	2.27	2.81	1.20
Subtotal	1 421 812	688 726	494 263	7 528 670	22.20	18.53	20.32	15.32
Middle Devonian								
Sulphur Point	9 216	5 539	1 973	137 518	0.14	0.15	0.08	0.28
Muskeg	4 691	1 803	860	38 972	0.07	0.05	0.04	0.08
Keg River	54 842	24 265	5 884	747 489	0.86	0.65	0.24	1.52
Other	30 109	12 857	8 180	174 006	0.47	0.35	0.34	0.35
Subtotal	98 858	44 464	16 897	1 097 985	1.54	1.20	0.69	2.23
Beyond Economic Reach								
Subtotal	27 676	13 806	-	518 805	0.43	0.37	-	1.06
Confidential[a]								
Subtotal	7 710	4 860	-	182 863	0.12	0.13	-	0.37
Total	6 403 639 (227 289)[b]	3 716 617 (131 917)[b]	2 432 711	49 157 086 (46 612)[c]	100.00	100.00	100.00	100.00

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a Some **Confidential** reserves included in **Beyond Economic Reach** category.

b Imperial equivalent in billions of cubic feet at 14.65 pounds per square inch absolute and 60 degrees Fahrenheit.

c Imperial equivalent in billions of cubic feet of 1000 British thermal units per cubic foot of gas.

TABLE 4-4 Reserves of Multi-field Pools
As at 31 December 1997

Multi-field Pool Field and Pool	Initial Established Reserves $10^6\ m^3$
Edmonton Pool No. 1	
Bashaw Edmonton D	105
Nevis Edmonton D	542
Total	647
Belly River Pool No. 1	
Bashaw Belly River C	1 320
Bashaw Belly River G	44
Bashaw Belly River H	272
Bashaw Belly River L	19
Bashaw Belly River M	228
Bashaw Belly River Q	15
Nevis Belly River C	1 143
Total	3 041
Belly River Pool No. 2	
Bruce Belly River J	765
Holmberg Belly River J	82
Total	847
Belly River Pool No. 3	
Fenn West Belly River J	31
Fenn-Big Valley Belly River J	1 018
Gadsby Belly River J	1 782
Total	2 831
Belly River Pool No. 4	
Michichi Belly River B & H	128
Watts Belly River B & I	77
Total	205
Southeastern Alberta Gas System (MU)	
Alderson Milk River A, Medicine Hat A, C & D, and Second White Specks A	31 064
Atlee-Buffalo Milk River A, Medicine Hat A, C & D, and Second White Specks A	5 000
Bantry Milk River A, Medicine Hat A, C & D, and Second White Specks A	17 000
Bassano Medicine Hat A	298
Berry Medicine Hat A	39
Bindloss Milk River A and Medicine Hat A & D	497
Blackfoot Medicine Hat A	426
Bow Island Milk River A, Medicine Hat C, and Second White Specks A & C	20
Brooks Milk River A and Medicine Hat A, C & D	479
Cessford Milk River A, Medicine Hat A, C, & D, and Second White Specks A	11 206
Connorsville Milk River A, Medicine Hat A, and Belly River A	1 865
Countess Milk River A, Medicine Hat A, C & D, and Second White Specks A & B	14 633
Estuary Medicine Hat A	219
Eyremore Medicine Hat A & C	113
Gleichen Medicine Hat A and Belly River C, F & G	1 883
Hussar Milk River A, Medicine Hat A, and Belly River C	2 650
Jenner Milk River A, Medicine Hat A, C & D, and Second White Specks A	5 132
Johnson Milk River A and Second White Specks A	321
Kitsim Milk River A and Medicine Hat A	282
Lathom Medicine Hat A	176
Leckie Milk River A and Medicine Hat A & C	386
Matziwin Milk River A, Medicine Hat A, C & D, and Second White Specks A	3 130
Medicine Hat Milk River A, Medicine Hat A, C & D, Second White Specks A, D, J, K, L, M, P & R, and Lower Colorado A	106 682
Mossleigh Medicine Hat A	43
Newell Milk River A and Medicine Hat A, C & D	1 108
Princess Milk River A, Medicine Hat A, C & D, Second White Specks A, and Belly River F & G	18 463
Rainier Milk River A	101
Seiu Lake Medicine Hat A	415
Shouldice Medicine Hat A and Belly River A	461
Suffield Milk River A, Medicine Hat A, C & D, and Second White Specks A	46 075

TABLE 4-4 (continued)

Multi-field Pool Field and Pool	Initial Established Reserves 10^6 m^3
Verger Milk River A, Medicine Hat A, C & D, Belly River D, and Second White Specks A	13 138
Wayne-Rosedale Medicine Hat A	807
Wintering Hills Milk River A, Medicine Hat A, and Second White Specks A & B	4 937
Total	289 049
Second White Specks Pool No. 2	
Garden Plains Second White Specks E	1 167
Hanna Second White Specks E	331
Provost Second White Specks E	288
Richdale Second White Specks E	150
Sullivan Lake Second White Specks E	100
Total	2 036
Viking Pool No. 1	
Fairydell-Bon Accord Upper Viking A & C and Middle Viking A & B	3 541
Redwater Upper Viking A, Middle Viking A, and Lower Viking A	790
Westlock Middle Viking B	357
Total	4 688
Viking Pool No. 2	
Beaverhill Lake Upper Viking A, Middle Viking A, and Lower Viking A	4 800
Bellshill Lake Upper and Middle Viking A	151
Birch Upper and Middle Viking A	83
Bruce Upper and Middle Viking A, Upper Mannville Z, and Ellerslie W, JJJ, KKK LLL & MMM	3 270
Dinant Upper and Middle Viking A	55
Fort Saskatchewan Upper and Middle Viking A	7 876
Holmberg Upper and Middle Viking A	66
Killam Upper and Middle Viking A, Rex B, and Glauconitic Q	1 791
Killam North Upper and Middle Viking A, Upper Mannville T, Basal Mannville C, L & U, and Nisku A	1 175
Mannville Upper and Middle Viking A, and Upper Mannville K	380
Sedgewick Upper and Middle Viking A	88
Viking-Kinsella Upper and Middle Viking A, Upper Mannville YY, LLL, MMM, ZZZ & M2M, Colony G2G and Glauconitic J	29 045
Total	48 780
Viking Pool No. 3	
Carbon Belly River K and Viking D	1 692
Ghost Pine Viking D	295
Total	1 987
Viking Pool No. 4	
Fenn-Big Valley Viking B	749
Fenn West Viking B	185
Total	934
Viking Pool No. 5	
Hudson Viking A	773
Sedalia Viking A & F, Upper Mannville D, and Lower Mannville B	526
Total	1 299
Viking Pool No. 6	
Ashmont Viking A	277
Ashmont Upper Mannville H	91
Ashmont Upper Mannville I	49
Cache Viking A	581
Cache Colony YY	37
Canard Viking A	87
Clay Viking A	255
Clay Colony E	43
Corrin Viking A	107
Craigend Viking A	2 017
Duvernay Viking A	242
Duvernay Viking M	22
Hairy Hill Viking A	269
Owlseye Viking A	60
Plain Viking A	21
Plain Viking N	3
Plain Upper Mannville UU	65
Plain Colony T	63

TABLE 4-4 (continued)

Multi-field Pool Field and Pool	Initial Established Reserves 10⁶ m³
St. Paul Viking A	183
Stry Viking A	129
Sugden Viking A	1 526
Therien Viking A	203
Ukalta Viking A	110
Whitford Viking A	230
Whitford Upper Mannville A	9
Whitford Glauconitic K	27
Willingdon Viking A, J and Mannville MMM	229
Total	6 935
Viking Pool No. 7	
Inland Upper Viking C & E, Middle Viking F, G, & I, and Upper Mannville A	409
Royal Upper Viking C and Lower Viking A	43
Total	452
Viking Pool No. 13	
Chigwell Viking G	197
Nelson Viking G	149
Total	346
St. Edouard Pool No. 3	
Ukalta St. Edouard B	54
Whitford St. Edouard B	34
Total	88
Glauconitic Pool No. 3	
Bonnie Glen Glauconitic A and Lower Mannville F	1 224
Ferrybank Glauconitic A	900
Ferrybank Lower Mannville W	83
Total	2 207
Glauconitic Pool No. 5	
Bigoray Glauconitic I	1 148
Bigoray Ostracod L	5
Pembina Glauconitic I	2 672
Pembina Glauconitic D	90
Pembina Ostracod C	275
Total	4 190
Glauconitic Pool No. 6	
Bassano Glauconitic III	469
Countess Glauconitic III	1 728
Hussar Viking L and Glauconitic III	927
Wintering Hills Glauconitic III	55
Wintering Hills Upper Mannville I and Lower Mannville W	103
Total	3 282
Bluesky-Detrital-Debolt Pool No. 1	
Cranberry Bluesky-Detrital-Debolt A	1 744
Hotchkiss Bluesky-Detrital-Debolt A	4 393
Total	6 137
Gething Pool No. 1	
Fox Creek Viking C and Gething D & H	2 600
Kaybob South Gething H	518
Total	3 118
Ellerslie Pool No. 1	
Connorsville Glauconitic A	239
Connorsville Glauconitic B	23
Connorsville Glauconitic C	126
Connorsville Glauconitic E	103
Connorsville Glauconitic I	45
Connorsville Ellerslie A	2 867
Wintering Hills Ellerslie A	1 743
Total	5 146
Cadomin Pool No. 1	
Elmworth Cadotte A	2 525
Elmworth Cadotte D	474
Elmworth Cadotte E	21
Elmworth Cadotte F	60
Elmworth Cadotte G	37
Elmworth Cadotte I	57
Elmworth Cadotte J	52
Elmworth Falher A-1	7 260
Elmworth Falher A-2	2 020
Elmworth Falher A-4	219
Elmworth Falher A-5	222
Elmworth Falher A-7	132
Elmworth Falher A-10	6 944
Elmworth Falher A-16	86
Elmworth Falher A-21	58

TABLE 4-4 (continued)

Multi-field Pool Field and Pool	Initial Established Reserves 10^6 m^3	Multi-field Pool Field and Pool	Initial Established Reserves 10^6 m^3
Elmworth Falher B-1	2 650		
Elmworth Falher B-2	604		
Elmworth Falher B-3	2 819		
Elmworth Falher B-4	3 227		
Elmworth Falher B-9	1 041		
Elmworth Falher B-14	119		
Elmworth Falher B-15	210		
Elmworth Falher B-16	126		
Elmworth Falher C-2	36		
Elmworth Falher C-3	27		
Elmworth Falher D-2	572		
Elmworth Falher D-3	20		
Elmworth Falher D-5	25		
Elmworth Falher D-6	43		
Elmworth Bluesky A	104		
Elmworth Gething A	22		
Elmworth Cadomin A	4 930		
Elmworth Cadotte K	22		
Elmworth Cadotte M	18		
Elmworth Cadotte N	47		
Elmworth Dunvegan A	339		
Elmworth Dunvegan I	62		
Sinclair Notikewin A	134		
Sinclair Cadomin A	2 669		
Total	40 033		
Halfway Pool No. 1			
Valhalla Halfway B	4 572		
Wembley Halfway B	5 842		
Total	10 414		
Halfway Pool No. 2			
Knopcik Halfway N	932		
Valhalla Halfway N	704		
Total	1 636		
Banff Pool No. 1			
Haro Banff E	87		
Rainbow South Banff E	59		
Total	146		

EUB

Reserves of Gas and Basic Data

EUB – NEB
COMMON RESERVES DATABASE

Alberta Energy and Utilities Board

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	ha
ABEE 062-23W4									
TOTAL-ABEE	3 034			1 901	1 174	727		27 362	
ACADIA 026-04W4									
TOTAL-ACADIA	4			3	3				
ACHESON 052-26W4									
D-3 A SOLN	2 683	0.70	0.30	1 315[b]			43		
D-3 A ASSOC	53	0.70	0.20	30[b]	847[b]	498	43	21 623	884
OTHER	2 242			1 323	845	478		18 400	
TOTAL-ACHESON	4 978			2 668	1 692	976		40 023	
ACHESON EAST 052-26W4									
TOTAL-ACHESON EAST	898			364	233	131		5 127	
ADAMS 071-08W5									
TOTAL-ADAMS	3			1		1		39	
ADEN 001-09W4									
RUNDLE A	958	0.85	0.05	773	458	315	37	11 690	711
OTHER	565			379	269	110		4 074	
TOTAL-ADEN	1 523			1 152	727	425		15 764	
AERIAL 029-18W4									
MANNVILLE SOLN	95	0.65	0.70	19[b]			40		
MANNVILLE ASSOC	421	0.80	0.10	303[b]	169[b]	153	40	6 158	266
OTHER	1 296			843	390	453		17 151	
TOTAL-AERIAL	1 812			1 165	559	606		23 309	
AETNA 001-25W4									
TOTAL-AETNA	131			68		68		2 669	
AKUINU 066-04W5									
TOTAL-AKUINU	1 913			1 285	537	748		28 344	
ALBERS 041-07W4									
TOTAL-ALBERS	50			35		35		1 272	
ALBRIGHT 072-09W6									
TOTAL-ALBRIGHT	944			697	318	379		14 920	
ALCOMDALE 058-26W4									
TOTAL-ALCOMDALE	122			78	10	68		2 653	
ALDER 045-08W5									
TOTAL-ALDER	492			332	220	112		4 543	
ALDERSON 015-11W4									
MILK RIVER A	20 150	0.70	0.05	13 400			36		161 765
MEDICINE HAT A	4 124	0.70	0.03	2 800			36		67 799
MEDICINE HAT C	1 382	0.50	0.03	670			36		57 415
MEDICINE HAT D	400	0.50	0.03	194			36		16 618
SECOND WHITE SPECKS A	19 649	0.75	0.05	14 000			36		161 842
SE ALTA GAS SYS(MU) TOTAL	45 705	0.70	0.05	31 064	24 334	6 730	36	245 443	
BOW ISLAND O	925	0.80	0.05	703	660	43	37	1 605	1 874
UPPER MANNVILLE DDD	425	0.90	0.05	364	179	185	37	6 849	616
UPPER MANNVILLE EEE	397	0.90	0.10	321	300	21	36	761	300
UPPER MANNVILLE LLL	694	0.85	0.10	531	528	3	36	108	323
OTHER	9 863			6 076	2 218	3 858		139 935	
TOTAL-ALDERSON	58 009			39 059	28 219	10 840		394 701	
ALEXANDER 056-27W4									
BASAL QUARTZ A	4 589	0.95	0.03	4 229	4 029	200	39	7 712	4 350
OTHER	591			385	169	216		8 230	
TOTAL-ALEXANDER	5 180			4 614	4 198	416		15 942	
ALEXIS 056-05W5									
BANFF A SOLN	331	0.65	0.40	129[b]			39		

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
						0.89		1950	1996	CHEVRON GPP
0.45	0.110	0.90	10 510	55	0.683	0.89	1 498.7	1950	1996	CHEVRON GPP
10.10	0.201	0.65	6 750	24	0.880	0.58	866.0	1960	1990	CMG MATERIAL BALANCE
						0.70		1958	1996	TARRAGN TCPL NORCEN ENGAGE TALISMA MATERIAL BALANCE GPP
2.23	0.170	0.65	9 620	48	0.811	0.70	1 231.5	1958	1996	TARRAGN TCPL NORCEN ENGAGE TALISMA MATERIAL BALANCE GPP
9.04	0.154	0.55	3 140	16	0.938	0.56	317.4	1910	1987	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
1.41	0.170	0.55	4 310	17	0.916	0.56	428.2	1904	1982	PART OF MED HAT POOL NO.1
0.61	0.139	0.60	4 450	19	0.916	0.56	439.8	1973	1987	PART OF MED HAT POOL NO.3
0.61	0.139	0.60	4 450	19	0.916	0.56	468.9	1973	1988	PART OF MED HAT POOL NO.4
1.57	0.216	0.60	5 690	27	0.904	0.57	607.4	1944	1994	PART OF 2WS POOL NO.1
								1904	1994	IOL TCPL CTYMEDH CWNGNUL POCO PANCDN WEBEX AEC NORCEN CRESTAR ENGAGE
2.66	0.292	0.65	6 670	27	0.878	0.59	735.8	1981	1997	SCEPTRE TCPL PANCDN PRODUCTION DECLINE
5.19	0.166	0.65	10 820	32	0.819	0.64	981.9	1982	1996	PANCDN SLUSH OIL
3.35	0.250	0.75	11 080	32	0.806	0.67	1 001.8	1972	1992	TCPL PRODUCTION DECLINE
7.81	0.228	0.85	9 240	31	0.833	0.66	991.5	1972	1995	PRODUCTION DECLINE
3.20	0.193	0.75	9 230	44	0.847	0.63	1 169.1	1954	1995	NORCEN PRODUCTION DECLINE
						0.65		1968	1997	PANALTA NORCEN TALISMA PRODUCTION DECLINE CONCURRENT PRODUCTION

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	AREA ha
ALEXIS 056-05W5 (CONTINUED)									
BANFF A ASSOC	440	0.80	0.10	317[b]	320[b]	126	39	4 949	320
OTHER	145			90	43	47		1 817	
TOTAL-ALEXIS	916			536	363	173		6 766	
ALGAR 079-15W4									
TOTAL-ALGAR	632			354	201	153		5 671	
ALIX 040-23W4									
TOTAL-ALIX	860			393	181	212		7 899	
ALKALI 024-05W4									
TOTAL-ALKALI	257			174	26	148		5 401	
ALLIANCE 040-12W4									
TOTAL-ALLIANCE	100			64	2	62		2 247	
ALPEN 063-19W4									
TOTAL-ALPEN	199			129	64	65		2 241	
ALSASK 027-01W4									
TOTAL-ALSASK	1 070			769	386	383		14 084	
ALTARIO 034-01W4									
TOTAL-ALTARIO	1 038			687	232	455		16 624	
AMADOU 073-20W4									
TOTAL-AMADOU	1 337			765	294	471		17 397	
AMBER 115-07W6									
TOTAL-AMBER	2 907			1 599	432	1 167		45 120	
AMELIA 010-27W4									
TOTAL-AMELIA	60			38		38		1 475	
AMIGO 120-07W6									
TOTAL-AMIGO	913			504	21	483		19 591	
ANATOLE 031-03W4									
TOTAL-ANATOLE	25			15	5	10		355	
ANDERSON (SA) 050-25W5									
TOTAL-ANDERSON	313			239	13	226		8 880	
ANGLING 060-02W4									
GRAND RAPIDS B		0.65	0.05				37		3 524
GRAND RAPIDS C		0.65	0.05				37		200
GRAND RAPIDS D		0.65	0.05				37		150
GRAND RAPIDS E		0.55	0.05				37		128
SPARKY A		0.60	0.05				37		200
GR RAP BCDE & SPKY A TOTAL	1 247	0.75	0.05	888	874	14	37	516	
OTHER	244			141	100	41		1 513	
TOTAL-ANGLING	1 491			1 029	974	55		2 029	
ANKERTON 044-15W4									
TOTAL-ANKERTON	451			280	26	254		9 363	
ANSELL 052-20W5									
CARDIUM E	4 938	0.20	0.15	840			41		4 071
CARDIUM E	188	0.75	0.15	120			40		200
CARDIUM E TOTAL	5 126	0.20	0.15	960	296	664	41	27 058	
CARDIUM B	126	0.60	0.15	65			42		200
CARDIUM C	71	0.60	0.10	39			40		200
CARDIUM G	7 134	0.20	0.10	1 284			41		8 607
CARDIUM G	137	0.75	0.10	93			40		880
CARDIUM G	203	0.75	0.10	137			40		400
CARDIUM G	113	0.75	0.15	72			40		120
CARDIUM G	169	0.75	0.15	108			40		240
CARDIUM G	147	0.75	0.10	99			40		440
CARDIUM G	18	0.65	0.15	10			40		120
CARDIUM B,C & G TOTAL	8 118	0.25	0.10	1 907	1 147	760	41	30 917	
VIKING A	389	0.65	0.10	228			39		714

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
9.34	0.124	0.65	11 410	52	0.832	0.65	1 355.5	1968	1997	PANALTA NORCEN TALISMA PRODUCTION DECLINE CONCURRENT PRODUCTION
3.67	0.289	0.75	2 370	15	0.952	0.57	325.3	1981	1997	PRODUCTION DECLINE
1.00	0.320	0.60	2 130	15	0.956	0.56	326.5	1982	1997	PRODUCTION DECLINE
1.10	0.310	0.55	2 370	16	0.952	0.57	368.9	1981	1996	PRODUCTION DECLINE
1.60	0.280	0.60	2 030	14	0.958	0.56	309.7	1982	1996	PRODUCTION DECLINE
1.00	0.310	0.50	2 210	15	0.955	0.56	340.7	1982	1996	PRODUCTION DECLINE
								1981	1997	DUKE HUSKY RENENER
6.22	0.123	0.75	20 610	74	0.799	0.81	2 205.0	1952	1997	
7.10	0.100	0.75	17 710	77	0.814	0.76	2 220.0	1952	1997	ASSIGNED WELL 3-3-52-19W5
								1952	1997	GARDNER TCPL NORCEN IOL GULF HUSKY CHEL
4.70	0.090	0.75	19 770	77	0.812	0.75	2 147.8	1980	1988	
2.20	0.115	0.75	19 230	76	0.839	0.70	2 147.6	1986	1996	
4.92	0.113	0.75	20 010	74	0.825	0.72	2 164.8	1976	1994	NONCOMMERCIAL OIL
1.52	0.090	0.65	18 320	82	0.840	0.71	2 202.9	1976	1994	
3.55	0.109	0.75	18 320	82	0.840	0.71	2 208.3	1976	1994	
8.50	0.100	0.65	16 960	76	0.810	0.76	2 158.2	1976	1994	ASSIGNED WELL 16-19-052-19W5
6.10	0.100	0.65	18 320	82	0.826	0.76	2 248.1	1976	1994	
3.10	0.095	0.65	18 320	82	0.840	0.71	2 227.0	1976	1994	
3.20	0.080	0.60	10 370	78	0.842	0.76	2 258.5	1976	1996	ASSIGNED WELL 04-29-052-19W5
								1976	1994	CHEL PANALTA NORCEN TCPL TALISMA APACHE
2.00	0.139	0.80	29 270	87	0.944	0.66	2 712.1	1976	1987	

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10⁶m³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10⁶m³	NET CUMULATIVE PRODUCTION 10⁶m³	REMAINING ESTABLISHED RESERVES 10⁶m³	GROSS HEAT VALUE MJ/m³	REMAINING ENERGY CONTENT TJ	ha
ANSELL 052-20W5 (CONTINUED)									
CADOMIN B	693	0.65	0.10	405			38		1 019
VIKING A & CADOMIN B TOTAL	1 082	0.65	0.10	633	34	599	39	23 073	
CADOMIN A	488	0.85	0.10	374	7	367	40	14 596	646
CADOMIN C	531	0.85	0.05	428	5	423	39	16 675	673
OTHER	2 672			1 627	313	1 314		51 897	
TOTAL-ANSELL	18 017			5 929	1 802	4 127		164 216	
ANTE CREEK 065-24W5									
DUNVEGAN B	724	0.85	0.10	554	381	173	39	6 813	1 324
BEAVERHILL LAKE SOLN	3 308	0.48	0.20	1 270[b]			44		
BEAVERHILL LAKE ASSOC		0.50	0.15		560[b]	710	44	31 538	
OTHER	1 362			929	476	453		17 789	
TOTAL-ANTE CREEK	5 394			2 753	1 417	1 336		56 140	
ANTE CREEK NORTH 067-23W5									
TRIASSIC E SOLN	308	0.65	0.15	170[b]			41		
TRIASSIC E ASSOC	376	0.85	0.15	272[b]	107[b]	335	41	13 568	836
OTHER	2 225			1 520	199	1 321		51 211	
TOTAL-ANTE CREEK NORTH	2 909			1 962	306	1 656		64 779	
ANTELOPE 030-01W4									
COLONY A	464	0.85	0.05	374	159	215	37	7 886	3 333
BANFF A	877	0.75	0.05	625	614	11	37	412	1 681
OTHER	1 046			715	264	451		16 819	
TOTAL-ANTELOPE	2 387			1 714	1 037	677		25 117	
APETOWUN (SA) 052-22W5									
NIS 22-052-22	839	0.85	0.20	570		570	37	21 153	200
OTHER	175			118		118		4 446	
TOTAL-APETOWUN	1 014			688		688		25 599	
ARDENODE 026-25W4									
TOTAL-ARDENODE	581			330	80	250		9 161	
ARGUS (SA) 103-08W6									
TOTAL-ARGUS	164			109		109		3 972	
ARMADA 016-19W4									
TOTAL-ARMADA	1 391			934	445	489		18 352	
ARMISIE 052-25W4									
TOTAL-ARMISIE	295			129	33	96		3 884	
ARMITAGE 074-14W4									
TOTAL-ARMITAGE	818			457	84	373		13 725	
ARNESON 025-02W4									
TOTAL-ARNESON	242			162	59	103		3 850	
ARTLAND 044-02W4									
TOTAL-ARTLAND	168			112		112		4 904	
ARVILLA 058-27W4									
TOTAL-ARVILLA	178			118	19	99		3 648	
ASHMONT 060-11W4									
VIKING A	731	0.40	0.05	277			37		20 259
UPPER MANNVILLE H	147	0.65	0.05	91			37		1 508
UPPER MANNVILLE I	87	0.60	0.05	49			37		965
VIK A, UPPER MANN H&I TOTAL	965	0.45	0.05	417	75	342	37	12 767	
OTHER	1 179			776	442	334		12 436	
TOTAL-ASHMONT	2 144			1 193	517	676		25 203	
ASTOTIN 055-18W4									
TOTAL-ASTOTIN	233			136	113	23		852	
ATHABASCA 066-23W4									
GRAND RAPIDS B	581	0.80	0.05	442	432	10	38	379	2 518
WABAMUN B	457	0.70	0.05	304	172	132	36	4 755	200
OTHER	1 614			1 019	437	582		21 636	
TOTAL-ATHABASCA	2 652			1 765	1 041	724		26 770	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
5.27	0.084	0.75	25 370	104	0.934	0.69	3 045.1	1976	1987	
								1976	1987	NORCEN
4.73	0.091	0.75	28 560	94	0.945	0.65	3 112.8	1974	1996	
4.80	0.099	0.75	28 780	107	0.973	0.62	2 981.1	1980	1996	TCPL PANALTA APACHE
2.47	0.164	0.60	10 700	47	0.820	0.66	1 292.2	1971	1996	PROGAS PANALTA RIOALTO MATERIAL BALANCE
						0.86		1962	1990	RIOALTO GPP
						0.86		1962	1990	RIOALTO GPP
						0.88		1994	1997	CONCURRENT PRODUCTION
2.10	0.150	0.75	16 160	63	0.718	0.88	1 898.6	1994	1997	CONCURRENT PRODUCTION
1.49	0.298	0.45	7 680	67	0.921	0.58	766.3	1957	1995	SASKEN ENGAGE
4.23	0.208	0.60	8 170	30	0.861	0.59	857.7	1957	1997	GULF ENGAGE PRODUCTION DECLINE
57.69	0.040	0.65	39 460	113	1.040	0.67	4 121.7	1981	1994	PROGAS TOP/BASE TVD
1.05	0.231	0.50	2 890	20	0.943	0.57	415.9	1949	1996	PART OF VIK POOL NO.6
1.60	0.289	0.65	3 070	14	0.937	0.56	440.6	1981	1995	PART OF VIK POOL NO.6
2.10	0.270	0.55	2 810	19	0.944	0.57	448.8	1976	1996	PART OF VIK POOL NO.6
								1949	1997	CRESTAR TCPL PROGAS POCO PANALTA AMOCO CNRL PART OF VIK POOL NO.6
2.65	0.331	0.65	3 540	23	0.931	0.58	490.5	1952	1996	PARAMNT TCPL PRODUCTION DECLINE
11.58	0.210	0.65	4 450	42	0.931	0.62	742.4	1976	1997	TCPL PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	ha
ATHABASCA EAST 066-21W4									
UPPER MANNVILLE A	743	0.70	0.05	494	402	92	37	3 445	564
GLAUCONITIC-WABAMUN A	40	0.70	0.05	27			37		397
GLAUCONITIC-WABAMUN A	5	0.70	0.05	4			37		57
GLAUCONITIC-WABAMUN A	1 031	0.80	0.05	784			37		944
GLAUCONITIC-WABAMUN A TOTAL	1 076	0.80	0.05	815	697	118	37	4 342	
GLAUC-L MANN-WAB A		0.65	0.05				37		56
GLAUC-L MANN-WAB A		0.55	0.05				37		100
GLAUC-L MANN-WAB A		0.60	0.05				37		140
GLAUC-L MANN-WAB A		0.70	0.05				37		472
GLAUC-L MANN-WAB A TOTAL	911	0.70	0.05	606	568	38			
OTHER	1 727			1 057	755	302		11 210	
TOTAL-ATHABASCA EAST	4 457			2 972	2 422	550		18 997	
ATIM 054-26W4									
TOTAL-ATIM	473			303	171	132		5 096	
ATLEE-BUFFALO 021-08W4									
MILK RIVER A		0.50	0.05				36		76 866
MEDICINE HAT A		0.50	0.03				36		71 612
MEDICINE HAT C		0.50	0.03				36		1 053
MEDICINE HAT D		0.50	0.03				36		2 656
SECOND WHITE SPECKS A		0.50	0.05				36		1 073
SE ALTA GAS SYS (MU) TOTAL	10 416	0.50	0.05	5 000	3 915	1 085	36	39 570	
VIKING H	811	0.85	0.05	655	576	79	36	2 821	11 007
OTHER	4 116			2 550	1 007	1 543		55 845	
TOTAL-ATLEE-BUFFALO	15 343			8 205	5 498	2 707		98 236	
ATMORE 067-17W4									
MCMURRAY B		0.70	0.05				37		4 191
NISKU A		0.70	0.05				37		1 883
NISKU A & MCMURRAY B TOTAL	1 774	0.70	0.05	1 180	1 090	90	37	3 326	
OTHER	3 202			1 948	1 210	738		27 490	
TOTAL-ATMORE	4 976			3 128	2 300	828		30 816	
AUBURNDALE 047-06W4									
TOTAL-AUBURNDALE	1 411			936	774	162		5 909	
BADGER 016-18W4									
TOTAL-BADGER	1 624			1 052	399	653		24 566	
BALSAM 082-10W6									
KISKATINAW A	484	0.85	0.05	390	378	12	37	449	1 086
KISKATINAW D	706	0.85	0.05	570	371	199	38	7 536	200
KISKATINAW E	731	0.85	0.10	559	121	438	38	16 824	400
OTHER	919			673	119	554		21 043	
TOTAL-BALSAM	2 840			2 192	989	1 203		45 852	
BANSHEE 050-22W5									
TOTAL-BANSHEE	213			130		130		5 040	
BANTRY 018-12W4									
MILK RIVER A	9 943	0.70	0.05	6 612			36		92 038
MEDICINE HAT A	9 810	0.70	0.03	6 661			36		90 714
MEDICINE HAT C	1 886	0.50	0.03	915			36		43 059
MEDICINE HAT D	224	0.50	0.03	109			36		8 734
SECOND WHITE SPECKS A	3 793	0.75	0.05	2 703			36		46 714
SE ALTA GAS SYS(MU) TOTAL	25 656	0.70	0.05	17 000	12 065	4 935	36	179 979	
VIKING U	1 631	0.75	0.05	1 162			38		12 220
VIKING V	30	0.70	0.05	20			38		200
VIKING W	18	0.70	0.05	12			38		200
BASAL COLORADO C	178	0.75	0.05	127			36		1 328
VIKING T	6	0.75	0.05	5			38		200

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
2.41	0.279	0.65	4 040	25	0.926	0.57	516.9	1970	1995	TCPL RENENER PRODUCTION DECLINE NONCOMMERCIAL OIL
1.64	0.233	0.65	3 970	24	0.927	0.57	601.2	1950	1996	
1.32	0.294	0.70	3 070	21	0.941	0.57	593.2	1950	1994	
17.19	0.191	0.80	4 040	25	0.927	0.57	607.7	1950	1997	
								1950	1996	SUNCOR TCPL RENENER
0.75	0.219	0.60	3 050	27	0.946	0.57	596.7	1970	1997	PRODUCTION DECLINE
1.21	0.220	0.55	3 500	36	0.944	0.57	621.3	1970	1997	PRODUCTION DECLINE
2.30	0.220	0.65	3 500	21	0.933	0.57	613.0	1970	1994	PRODUCTION DECLINE
13.18	0.190	0.70	3 780	31	0.936	0.57	606.7	1970	1994	PRODUCTION DECLINE
								1970	1997	TCPL
4.82	0.154	0.55	3 140	16	0.938	0.56	368.9	1910	1994	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
1.33	0.170	0.55	4 310	17	0.916	0.56	461.2	1904	1994	PART OF MED HAT POOL NO.1 PRODUCTION DECLINE
0.53	0.139	0.60	4 450	19	0.916	0.56	527.4	1973	1994	PART OF MED HAT POOL NO.3 PRODUCTION DECLINE
0.43	0.139	0.60	4 450	19	0.916	0.56	543.5	1973	1994	PART OF MED HAT POOL NO.4 PRODUCTION DECLINE
0.78	0.216	0.60	5 690	27	0.904	0.56	646.9	1944	1994	PART OF 2WS POOL NO.1 PRODUCTION DECLINE
								1904	1994	PROGAS CANST TCPL CWNGNUL PANALTA RENENER IOL NORCEN CRESTAR ENGAGE
1.26	0.238	0.60	6 830	27	0.886	0.59	786.3	1955	1982	PINCL TCPL RENENER CRESTAR MATERIAL BALANCE
1.71	0.272	0.60	2 840	20	0.945	0.56	520.5	1960	1987	MATERIAL BALANCE
6.57	0.161	0.65	3 110	21	0.941	0.56	507.9	1967	1987	MATERIAL BALANCE
								1960	1985	TALISMA
5.41	0.128	0.80	17 210	65	0.871	0.61	1 868.8	1974	1994	TCPL POCO TALISMA PRODUCTION DECLINE
9.00	0.180	0.65	18 050	67	0.870	0.62	1 965.5	1987	1996	TALISMA PRODUCTION DECLINE
10.30	0.142	0.75	17 190	70	0.856	0.65	1 971.9	1991	1996	SUNCOR
8.85	0.154	0.55	3 140	16	0.938	0.56	359.3	1910	1987	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
1.75	0.170	0.55	4 310	17	0.916	0.57	447.7	1904	1994	PART OF MED HAT POOL NO.1 PRODUCTION DECLINE
1.11	0.139	0.60	4 450	19	0.916	0.56	464.3	1973	1987	PART OF MED HAT POOL NO.3
0.65	0.139	0.60	4 450	19	0.916	0.56	507.8	1973	1993	PART OF MED HAT POOL NO.4
1.05	0.216	0.60	5 690	27	0.904	0.57	641.8	1944	1993	PART OF 2WS POOL NO.1
								1904	1994	PROGAS NORCEN TCPL CWNGNUL PANALTA IOL PANCDN POCO CRESTAR ENGAGE
2.22	0.158	0.50	7 000	29	0.866	0.61	822.7	1964	1997	
2.47	0.140	0.70	5 890	32	0.896	0.59	814.3	1973	1996	
1.85	0.170	0.45	6 040	32	0.893	0.59	830.0	1973	1996	
1.13	0.200	0.65	8 550	34	0.867	0.61	881.9	1946	1986	
0.61	0.170	0.40	7 000	31	0.867	0.61	807.7	1973	1996	

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10⁶m³	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10⁶m³	5 NET CUMULATIVE PRODUCTION 10⁶m³	6 REMAINING ESTABLISHED RESERVES 10⁶m³	7 GROSS HEAT VALUE MJ/m³	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
BANTRY 018-12W4 (CONTINUED)									
VIK TUVW & BSL COLO C TOTAL	1 863	0.75	0.05	1 326	746	580	38	21 878	
VIKING Q	318	0.85	0.05	257			38		2 627
VIKING R	10	0.70	0.05	7			37		200
BASAL COLORADO F	110	0.70	0.05	73			36		100
BASAL COLORADO BB	24	0.75	0.05	17			37		100
VIK Q,R&BSL COLO F&BB TOTAL	462	0.80	0.05	354	235	119	38	4 464	
MANNVILLE A ASSOC	115	0.90	0.15	88[b]			39		485
MANNVILLE A SOLN	1 194	0.62	0.50	370[b]			39		
MANNVILLE A ASSOC	249	0.90	0.10	202[b]			37		648
MANNVILLE A ASSOC	13	0.90	0.10	11[b]			37		36
MANNVILLE A ASSOC	231	0.90	0.10	187[b]			37		487
MANNVILLE A ASSOC	13	0.90	0.10	11[b]			37		32
MANNVILLE A ASSOC	20	0.70	0.10	13[b]			37		128
MANNVILLE A ASSOC	26	0.90	0.10	21[b]			37		64
MANNVILLE A ASSOC	2	0.90	0.10	2[b]			37		32
MANNVILLE A ASSOC	7	0.90	0.10	5[b]			37		32
MANNVILLE A ASSOC	5	0.90	0.10	5[b]			37		15
MANNVILLE A ASSOC	98	0.80	0.10	70[b]			37		150
MANNVILLE A TOTAL	1 973	0.70	0.30	985[b]	836[b]	149	38	5 638	
OTHER	6 872			4 320	2 176	2 144		79 130	
TOTAL-BANTRY	36 826			23 985	16 058	7 927		291 089	
BAPTISTE 067-22W4									
MANNVILLE H	1 025	0.80	0.05	779	669	110	38	4 148	8 762
MANNVILLE G	1 330	0.60	0.05	758			37		10 682
WABAMUN C	1 193	0.75	0.05	850			38		2 205
MANN G & WAB C TOTAL	2 523	0.65	0.05	1 608	1 194	414	38	15 624	
WABAMUN E	1 024	0.85	0.05	827	754	73	37	2 725	1 785
OTHER	1 851			1 211	394	817		30 656	
TOTAL-BAPTISTE	6 423			4 425	3 011	1 414		53 153	
BARNEY (SA) 078-20W4									
TOTAL-BARNEY	261			143	41	102		3 808	
BARONS 012-23W4									
TOTAL-BARONS	19			8		8		312	
BARRHEAD 058-04W5									
BELLY RIVER B	758	0.85	0.05	612	317	295	37	10 827	1 257
OTHER	1 311			893	150	743		28 903	
TOTAL-BARRHEAD	2 069			1 505	467	1 038		39 730	
BARTMAN 025-09W4									
TOTAL-BARTMAN	178			127	13	114		4 229	
BASELINE 061-14W5									
TOTAL-BASELINE	16			11		11		427	
BASHAW 042-22W4									
BELLY RIVER C	2 137	0.65	0.05	1 320			37		25 088
BELLY RIVER G	77	0.60	0.05	44			37		787
BELLY RIVER H	409	0.70	0.05	272			37		4 715
BELLY RIVER L	30	0.65	0.05	19			38		250
BELLY RIVER M	343	0.70	0.05	228			37		770
BELLY RIVER Q	24	0.65	0.05	15			37		250
B RIVER C,G,H,L,M&Q TOTAL	3 020	0.65	0.05	1 898	1 375	523	37	19 225	
VIKING B	587	0.75	0.10	396	308	88	37	3 287	1 042
BASAL MANNVILLE B	129	0.70	0.15	77			39		873
BASAL MANNVILLE B	58	0.70	0.15	35			39		300
BASAL MANNVILLE B	659	0.70	0.15	392			39		1 350
BASAL MANNVILLE B TOTAL	846	0.70	0.15	504	228	276	39	10 855	
D-3 A ASSOC	568	0.85	0.20	386[b]			36		1 176
D-3 A SOLN	365	0.65	0.62	90[b]			36		
D-3 A ASSOC	2	0.75	0.20	2[b]			36		13
D-3 A TOTAL	935	0.75	0.35	478[b]	373[b]	105	36	3 793	
OTHER	5 278			2 669	1 041	1 628		60 894	
TOTAL-BASHAW	10 666			5 945	3 325	2 620		98 054	
BASING 048-20W5									
SPRAY RIVER A	353	0.75	0.10	239			39		1 255

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
								1946	1997	NORCEN TCPL CWNGNUL PANCDN PANALTA CRESTAR
1.95	0.150	0.55	6 870	27	0.865	0.61	803.3	1962	1997	
0.62	0.170	0.75	6 040	32	0.899	0.59	830.8	1973	1996	
3.70	0.200	0.50	6 630	34	0.890	0.61	895.4	1973	1989	PRODUCTION DECLINE
3.50	0.180	0.50	7 410	35	0.881	0.60	904.7	1980	1997	
								1962	1996	NORCEN TCPL PANCDN
2.44	0.248	0.45	7 790	37	0.819	0.77	976.5	1947	1997	GPP
						0.77		1947	1997	GPP
1.68	0.260	0.70	10 780	37	0.787	0.71	981.3	1947	1996	
1.58	0.260	0.70	10 780	37	0.787	0.72	989.3	1947	1992	
2.09	0.260	0.70	10 780	38	0.789	0.72	992.4	1947	1996	
1.80	0.260	0.70	10 780	38	0.789	0.72	997.3	1947	1996	ASSIGNED WELL 16-15-018-13W4M
1.00	0.260	0.70	7 880	38	0.833	0.72	993.5	1947	1996	ASSIGNED WELL 10-26-017-13W4M
1.80	0.260	0.70	10 780	38	0.789	0.72	990.7	1947	1996	ASSIGNED WELL 12-34-017-12W4M
0.30	0.260	0.70	10 780	37	0.787	0.72	989.2	1947	1996	ASSIGNED WELL 12-01-018-13W4M
0.90	0.260	0.70	10 780	37	0.787	0.72	989.3	1947	1996	ASSIGNED WELL 01-02-018-13W4M
1.45	0.260	0.70	10 780	37	0.787	0.72	985.5	1947	1992	
5.00	0.210	0.60	9 130	37	0.810	0.72	972.9	1947	1996	ASSIGNED WELL 02/10-15-017-12W4M
								1947	1997	CRESTAR TCPL GPP
3.27	0.275	0.50	3 290	15	0.931	0.57	473.8	1965	1996	CNRL PAWTUCK CANST HUSKY DYNALTA RENENER TCPL PRODUCTION DECLINE
4.47	0.295	0.65	3 480	21	0.934	0.56	477.7	1966	1996	PRODUCTION DECLINE
9.18	0.229	0.75	3 410	29	0.936	0.59	604.6	1976	1994	
								1966	1997	
6.74	0.161	0.70	3 520	26	0.934	0.58	585.9	1959	1987	TCPL RENENER PRODUCTION DECLINE
6.02	0.280	0.70	4 750	18	0.908	0.57	539.8	1993	1995	CDNFRST
3.80	0.247	0.45	2 020	23	0.962	0.58	507.6	1977	1997	PART OF BR POOL NO.1
1.68	0.275	0.50	4 120	25	0.926	0.56	618.5	1980	1996	PART OF BR POOL NO.1
1.82	0.270	0.45	4 240	52	0.945	0.57	644.5	1978	1997	PART OF BR POOL NO.1
3.00	0.250	0.40	3 960	26	0.929	0.55	645.3	1981	1996	PART OF BR POOL NO.1
3.95	0.296	0.50	4 020	26	0.929	0.56	651.4	1982	1986	PART OF BR POOL NO.1 PRODUCTION DECLINE
2.50	0.230	0.40	4 130	25	0.926	0.56	619.6	1981	1996	PART OF BR POOL NO.1
								1977	1997	AMOCO APACHE TCPL PANALTA NORCEN PANCDN POCO CHAUVCO PART OF BR POOL NO.1
2.28	0.206	0.65	7 110	42	0.869	0.67	1 124.8	1961	1994	TCPL PANALTA PRODUCTION DECLINE
1.44	0.202	0.50	9 720	53	0.837	0.72	1 395.7	1963	1992	SLUSH OIL
2.45	0.185	0.50	9 880	93	0.897	0.72	1 392.3	1963	1992	SLUSH OIL
3.84	0.209	0.60	9 730	53	0.837	0.72	1 414.3	1963	1992	SLUSH OIL
								1963	1992	SUMMIT NORCEN HUSKY TCPL SLUSH OIL
5.27	0.069	0.80	15 920	63	0.811	0.78	1 754.5	1951	1997	CONCURRENT PRODUCTION
						0.78		1951	1997	CONCURRENT PRODUCTION
2.00	0.050	0.85	15 920	63	0.811	0.78	1 732.8	1951	1996	
								1951	1997	APACHE TCPL PANCDN CONCURRENT PRODUCTION
1.81	0.060	0.75	33 800	107	1.012	0.66	3 806.4	1978	1996	

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE $10^6 m^3$	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES $10^6 m^3$	NET CUMULATIVE PRODUCTION $10^6 m^3$	REMAINING ESTABLISHED RESERVES $10^6 m^3$	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	ha
BASING 048-20W5 (CONTINUED)									
TURNER VALLEY B	1 195	0.40	0.10	430			38		882
SPRAY R A & TV B TOTAL	1 548	0.50	0.10	669	187	482	38	18 326	
TURNER VALLEY A	2 792	0.40	0.10	1 005	356	649	38	24 837	2 483
OTHER	862			612	108	504		19 984	
TOTAL-BASING	5 202			2 286	651	1 635		63 147	
BASSANO 021-18W4									
BOW ISLAND D	76	0.70	0.05	50			36		2 278
BOW ISLAND E	81	0.70	0.05	54			36		779
BOW ISLAND G	358	0.75	0.05	256			36		1 545
BOW ISLAND J	61	0.70	0.05	41			36		79
BOW ISLAND D,E,G & J TOTAL	576	0.75	0.05	401	293	108	36	3 902	
UPPER MANNVILLE C	496	0.75	0.10	335	307	28	39	1 088	447
UPPER MANNVILLE R	484	0.75	0.10	327	199	128	37	4 722	150
GLAUCONITIC III	613	0.85	0.10	469	201	268	38	10 248	1 314
OTHER	3 567			2 230	694	1 536		57 616	
TOTAL-BASSANO	5 736			3 762	1 694	2 068		77 576	
BATTLE SOUTH 045-20W4									
TOTAL-BATTLE SOUTH	329			198	78	120		4 529	
BAXTER LAKE 047-05W4									
MANNVILLE B	502	0.85	0.05	406	390	16	34	537	917
OTHER	920			553	347	206		7 205	
TOTAL-BAXTER LAKE	1 422			959	737	222		7 742	
BEAR CANYON 082-12W6									
KISK 16-082-12	352	0.90	0.05	301		301	38	11 426	200
OTHER	229			163		163		6 184	
TOTAL-BEAR CANYON	581			464		464		17 610	
BEATON 087-02W6									
TOTAL-BEATON	1 600			1 054	687	367		13 765	
BEAUVALLON 053-10W4									
VIKING H	5	0.75	0.05	4			37		200
COLONY L	1 797	0.65	0.05	1 110			38		5 097
VIKING H & COLONY L TOTAL	1 802	0.65	0.05	1 114	1 089	25	38	940	
COLONY K		0.85	0.05				37		2 622
COLONY K		0.85	0.05				37		249
COLONY K		0.85	0.05				37		239
COLONY K		0.85	0.05				37		100
COLONY K TOTAL	1 784	0.85	0.05	1 440	1 430	10	37	374	
COLONY P	664	0.75	0.05	473			37		5 808
COLONY HH	21	0.70	0.05	14			37		150
COLONY P & HH TOTAL	685	0.75	0.05	487	182	305	37	11 386	
OTHER	2 114			1 415	694	721		26 604	
TOTAL-BEAUVALLON	6 385			4 456	3 395	1 061		39 304	
BEAVER CROSSING 062-01W4									
COLONY D	555	0.60	0.05	316	169	147	35	5 201	2 945
OTHER	136			69	21	48		1 796	
TOTAL-BEAVER CROSSING	691			385	190	195		6 997	
BEAVERHILL LAKE 052-19W4									
U&M VIKING A		0.85	0.03				37		31 725
LOWER VIKING A		0.80	0.03				38		16 379
U&M VIK A & L VIK A TOTAL	6 186	0.80	0.05	4 800	4 543	257	37	9 481	
OTHER	3 161			2 072	943	1 129		41 757	
TOTAL-BEAVERHILL LAKE	9 347			6 872	5 486	1 386		51 238	
BEAVERLODGE 072-10W6									
TOTAL-BEAVERLODGE	724			478	172	306		11 903	
BELLIS 059-16W4									
UPPER MANNVILLE B		0.80	0.05				38		2 264
UPPER MANNVILLE B		0.80	0.05				37		1 216
UPPER MANNVILLE B		0.80	0.05				38		100
UPPER MANNVILLE B TOTAL	1 070	0.80	0.05	813	780	33	38	1 239	
UPPER MANNVILLE E		0.75	0.05				37		3 498

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
9.68	0.050	0.80	32 000	119	1.017	0.63	3 802.2	1978	1996	TOP/BASE TVD
								1978	1996	
9.92	0.060	0.80	33 630	121	1.028	0.63	3 912.2	1975	1996	PANALTA TOP/BASE TVD
0.64	0.143	0.45	7 640	32	0.883	0.59	1 082.4	1980	1994	
1.59	0.151	0.50	8 150	33	0.876	0.58	1 121.8	1988	1993	
2.23	0.219	0.55	8 160	33	0.879	0.59	1 146.6	1988	1995	
2.32	0.340	0.65	8 200	33	0.876	0.58	1 177.7	1988	1996	PRODUCTION DECLINE
								1980	1995	TARRAGN PANALTA PROGAS TCPL ENGAGE
3.09	0.235	0.65	10 480	45	0.825	0.66	1 220.0	1968	1997	TCPL PANCDN PRODUCTION DECLINE
12.70	0.220	0.80	8 430	46	0.859	0.68	1 243.1	1995	1997	PRODUCTION DECLINE
3.45	0.190	0.65	9 650	32	0.822	0.63	1 173.6	1954	1996	PANCDN TCPL PART OF GLAUC POOL NO.6
2.60	0.262	0.65	4 560	24	0.923	0.61	702.5	1975	1997	TCPL PANALTA PRODUCTION DECLINE
7.00	0.150	0.85	20 940	69	0.882	0.60	2 208.7	1990	1994	TALISMA
0.50	0.120	0.50	3 960	100	0.969	0.59	524.0	1981	1996	PRODUCTION DECLINE
3.25	0.287	0.75	3 710	19	0.926	0.57	529.9	1975	1995	PRODUCTION DECLINE
								1975	1996	
5.01	0.283	0.80	4 230	24	0.920	0.57	570.9	1973	1990	MATERIAL BALANCE SLUSH OIL
2.71	0.285	0.85	4 250	26	0.922	0.57	547.5	1973	1990	MATERIAL BALANCE
1.33	0.229	0.60	3 990	24	0.925	0.57	566.6	1973	1990	MATERIAL BALANCE
4.88	0.270	0.80	3 950	19	0.921	0.57	560.3	1973	1990	MATERIAL BALANCE ASSIGNED WELL 07-19-053-09W4M
								1973	1990	CWNGNUL PANALTA SLUSH OIL
1.80	0.284	0.60	3 570	20	0.929	0.58	483.6	1972	1996	
1.60	0.330	0.70	3 710	22	0.928	0.57	527.2	1980	1992	
								1972	1996	AMOCO PANALTA PROGAS TCPL
3.42	0.316	0.75	2 260	16	0.956	0.58	326.3	1984	1994	DUKE TCPL RENENER
2.09	0.203	0.55	5 550	31	0.901	0.60	790.3	1917	1989	PART OF VIK POOL NO.2 MATERIAL BALANCE
1.24	0.212	0.55	5 630	28	0.893	0.60	789.7	1953	1982	PART OF VIK POOL NO.2 MATERIAL BALANCE
								1917	1982	PINCL TCPL CWNGNUL IOL NORCEN POCO PART OF VIK POOL NO.2
2.28	0.285	0.70	4 070	24	0.922	0.59	490.7	1965	1994	PRODUCTION DECLINE
1.29	0.272	0.60	3 380	21	0.935	0.57	502.6	1965	1994	PRODUCTION DECLINE
2.70	0.276	0.60	4 080	25	0.921	0.59	524.1	1965	1994	PRODUCTION DECLINE
								1965	1994	ENGAGE TCPL PANALTA
2.11	0.300	0.65	3 450	22	0.932	0.59	528.7	1963	1996	PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10⁶m³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10⁶m³	NET CUMULATIVE PRODUCTION 10⁶m³	REMAINING ESTABLISHED RESERVES 10⁶m³	GROSS HEAT VALUE MJ/m³	REMAINING ENERGY CONTENT TJ	ha
BELLIS 059-16W4 (CONTINUED)									
UPPER MANNVILLE F		0.75	0.05				38		856
UPPER MANNVILLE G		0.75	0.05				38		1 177
UPPER MANNVILLE H		0.75	0.05				38		200
U MANN E,F,G & H TOTAL	1 520	0.75	0.05	1 083	1 053	30	37	1 122	
NISKU C	589	0.65	0.05	364	351	13	37	481	2 023
NISKU D	528	0.65	0.05	326	304	22	37	814	1 506
NISKU F	614	0.70	0.05	409	388	21	37	775	566
OTHER	6 843			4 194	2 357	1 837		68 393	
TOTAL-BELLIS	11 164			7 189	5 233	1 956		72 824	
BELLOY 078-01W6									
CADOTTE A	577	0.75	0.05	411	327	84	38	3 152	3 191
NOTIKEWIN A	584	0.56	0.05	311	305	6	37	224	481
DEBOLT A	266	0.80	0.10	192[b]			39		612
DEBOLT B	494	0.80	0.10	356[b]			39		688
DEBOLT C ASSOC	362	0.80	0.10	261[b]			38		584
DEBOLT C SOLN	7	0.65	0.10	5[b]			38		
DEBOLT E	256	0.75	0.10	173[b]			38		200
DEBOLT A,B,C & E TOTAL	1 385	0.80	0.10	987[b]	660[b]	327	39	12 642	
OTHER	2 910			2 039	609	1 430		53 797	
TOTAL-BELLOY	5 456			3 748	1 901	1 847		69 815	
BELLSHILL LAKE 041-13W4									
BLAIRMORE ASSOC	157	0.70	0.20	88[b]			38		211
BLAIRMORE SOLN	1 385	0.65	0.45	495[b]			38		
BLAIRMORE ASSOC	4	0.65	0.20	2[b]			38		32
BLAIRMORE ASSOC	5	0.65	0.20	2[b]			38		15
BLAIRMORE ASSOC	4	0.70	0.20	2[b]			38		12
BLAIRMORE ASSOC	78	0.65	0.20	41[b]			38		142
BLAIRMORE ASSOC	3	0.65	0.20	2[b]			38		18
BLAIRMORE ASSOC	22	0.65	0.20	11[b]			38		20
BLAIRMORE ASSOC	7	0.70	0.20	4[b]			38		4
BLAIRMORE TOTAL	1 665	0.65	0.40	647[b]	391[b]	256	38	9 644	
OTHER	943			569	244	325		11 694	
TOTAL-BELLSHILL LAKE	2 608			1 216	635	581		21 338	
BENJAMIN 028-07W5									
RUNDLE C	1 250	0.77	0.15	819	545	274	38	10 478	609
RUNDLE D	1 515	0.75	0.15	966	491	475	37	17 585	200
RUNDLE A		0.80	0.15				39		1 356
RUNDLE B		0.80	0.15				39		393
RUNDLE A & B TOTAL	3 500	0.80	0.15	2 380	1 158	1 222	39	47 609	
WAB 28-028-08	1 725	0.62	0.60	428		428	37	15 990	200
TOTAL-BENJAMIN	7 990			4 593	2 194	2 399		91 662	
BENTLEY 058-07W4									
TOTAL-BENTLEY	111			71	B	63		2 348	
BENTON 028-03W4									
TOTAL-BENTON	1 178			818	182	636		23 832	
BERLAND RIVER 059-23W5									
LEDUC A	3 852	0.90	0.25	2 600	1 623	977	38	36 872	400
LEDUC B	1 000	0.80	0.20	640	35	605	36	21 804	200
LEDUC C	617	0.80	0.15	420	9	411	35	14 554	200
TOTAL-BERLAND RIVER	5 469			3 660	1 667	1 993		73 230	
BERLAND RIVER WEST 058-25W5									
WABAMUN B	2 409	0.80	0.30	1 349	681	668	38	25 377	400
WAB 23-057-25	1 357	0.85	0.15	980		980	39	38 034	200
OTHER	433			273	112	161		6 197	
TOTAL-BERLAND RIVER WEST	4 199			2 602	793	1 809		69 608	
BERRY 027-12W4									
VIKING F	615	0.80	0.05	467	54	413	37	15 351	1 655
OTHER	4 398			2 950	1 173	1 777		67 298	
TOTAL-BERRY	5 013			3 417	1 227	2 190		82 649	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
1.77	0.300	0.60	3 700	22	0.927	0.57	538.4	1969	1996	PRODUCTION DECLINE
2.12	0.298	0.65	3 450	22	0.932	0.57	550.2	1969	1996	PRODUCTION DECLINE
2.78	0.300	0.55	3 890	22	0.923	0.58	568.9	1969	1996	PRODUCTION DECLINE
								1963	1996	TCPL
9.69	0.191	0.60	3 770	27	0.933	0.57	615.0	1976	1997	TCPL PRODUCTION DECLINE
14.53	0.183	0.65	3 800	26	0.931	0.57	593.8	1965	1997	TCPL PRODUCTION DECLINE
11.77	0.132	0.75	3 600	22	0.933	0.57	619.7	1990	1996	ENGAGE PROGAS LOMALTA PANALTA MATERIAL BALANCE
3.11	0.277	0.65	3 130	20	0.940	0.56	517.2	1951	1997	PROGAS CHAUVCO TCPL PANCDN NORCEN POCO TALISMA AEL
3.81	0.184	0.60	4 650	23	0.915	0.55	569.5	1951	1992	AEL PRODUCTION DECLINE
3.33	0.228	0.60	10 140	48	0.848	0.63	1 425.5	1951	1981	MATERIAL BALANCE
6.53	0.190	0.65	14 640	50	0.794	0.68	1 450.8	1951	1981	MATERIAL BALANCE
4.79	0.203	0.60	15 890	49	0.790	0.71	1 487.6	1951	1992	MATERIAL BALANCE GPP
						0.71		1951	1992	MATERIAL BALANCE GPP
10.00	0.180	0.60	11 690	58	0.848	0.65	1 599.6	1988	1994	
								1951	1992	AEL GPP
4.36	0.275	0.75	7 400	34	0.827	0.78	900.4	1955	1995	GPP
						0.78		1955	1995	GPP
1.00	0.257	0.70	6 510	35	0.848	0.78	902.4	1955	1991	
2.27	0.262	0.80	6 510	34	0.846	0.78	899.9	1955	1996	
1.75	0.276	0.75	7 470	35	0.828	0.78	916.4	1955	1991	
3.71	0.279	0.75	6 510	36	0.850	0.78	938.9	1955	1996	
1.14	0.254	0.70	6 510	35	0.848	0.78	913.6	1955	1996	
6.80	0.287	0.80	6 650	34	0.861	0.74	897.3	1955	1996	TOP/BASE TVD
9.70	0.275	0.80	7 530	35	0.827	0.78	926.9	1955	1996	ASSIGNED WELL 05/10-15-41-12W4
								1955	1996	CHAUVCO PINCL TCPL IOL HUSKY ENGAGE GPP
16.38	0.064	0.80	28 900	92	0.948	0.69	3 503.9	1978	1995	PANALTA PROGAS MATERIAL BALANCE TOP/BASE TVD
32.90	0.070	0.80	22 120	60	0.863	0.65	2 332.5	1991	1997	PRODUCTION DECLINE TOP/BASE TVD
22.78	0.054	0.75	28 000	97	0.950	0.67	3 248.9	1969	1997	PRODUCTION DECLINE TOP/BASE TVD
19.28	0.056	0.75	27 400	92	0.940	0.67	3 292.9	1969	1997	PRODUCTION DECLINE TOP/BASE TVD
								1969	1997	PANALTA PROGAS
49.70	0.060	0.85	29 190	71	0.709	0.92	3 010.9	1991	1997	BER TOP/BASE TVD
65.60	0.074	0.90	36 450	120	1.015	0.68	3 762.7	1974	1996	TCPL MATERIAL BALANCE TOP/BASE TVD
31.50	0.080	0.85	31 610	117	0.987	0.68	3 748.0	1989	1995	AEC CANOXY
19.00	0.080	0.90	29 140	104	0.974	0.66	3 675.0	1989	1995	TOP/BASE TVD
30.70	0.084	0.85	35 290	104	0.969	0.74	3 635.5	1994	1997	DEEP CUT SL
58.00	0.060	0.75	35 310	109	1.011	0.69	3 754.5	1991	1996	
4.46	0.200	0.50	7 990	37	0.880	0.58	965.4	1980	1995	PROGAS CDNFRST SCEPTRE CRESTAR

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	ha
BERWYN (SA) 082-25W5									
TOTAL-BERWYN	428			278		278		10 740	
BESSIE 062-15W5									
TOTAL-BESSIE	123			83	9	74		2 873	
BEZANSON 071-03W6									
DUNVEGAN A	305	0.85	0.10	233			38		477
DUNVEGAN B	207	0.75	0.05	147			38		225
CADOTTE A	47	0.75	0.05	33			38		150
DUNV A,B & CDOT A TOTAL	559	0.80	0.10	413	26	387	38	14 807	
OTHER	2 086			1 506	277	1 229		47 617	
TOTAL-BEZANSON	2 645			1 919	303	1 616		62 424	
BIG BEND 066-27W4									
GRAND RAPIDS Q	741	0.75	0.05	528	522	6	38	226	750
GRAND RAPIDS F	14	0.65	0.05	9			38		200
GRAND RAPIDS U	105	0.60	0.05	60			38		1 410
GRAND RAPIDS NN	5	0.65	0.05	3			38		200
MCMURRAY WW		0.60	0.05				37		624
MCMURRAY WW		0.60	0.05				37		384
GR F,U,NN & MCMY WW TOTAL	550	0.65	0.05	327	267	60			
MCMURRAY E	550	0.70	0.05	366	309	57	38	2 140	2 249
MCMURRAY H	884	0.75	0.05	630	608	22	38	834	1 725
MCMURRAY A		0.70	0.05				38		1 047
MCMURRAY I		0.70	0.05				38		867
MCMURRAY A & I TOTAL	626	0.70	0.05	416	405	11	38	418	
MCMURRAY B		0.65	0.05				38		2 746
MCMURRAY II		0.60	0.05				38		591
WABAMUN F		0.65	0.05				37		128
MCMURRAY B,II & WAB F TOTAL	939	0.65	0.05	580	579	1	38	38	
MCMURRAY GGG	640	0.75	0.05	456	297	159	37	5 951	200
WABAMUN A	1 147	0.70	0.05	763	500	263	37	9 855	2 591
WABAMUN H	1 502	0.70	0.10	946	626	320	38	12 147	2 670
OTHER	13 346			8 427	4 761	3 666		137 916	
TOTAL-BIG BEND	20 925			13 439	8 874	4 565		169 525	
BIG COULEE 067-23W4									
TOTAL-BIG COULEE	1 437			900	401	499		18 576	
BIGORAY 051-08W5									
GLAUCONITIC I	1 878	0.65	0.06	1 148			40		3 731
OSTRACOD L	7	0.80	0.10	5			40		150
GLAUC I & OST L TOTAL	1 885	0.65	0.05	1 153	521	632	40	25 008	
PEKISKO A ASSOC	2 247	0.75	0.10	1 517[b]			40		5 028
PEKISKO A SOLN	327	0.65	0.66	72[b]			40		
PEKISKO A TOTAL	2 574	0.75	0.15	1 589[b]	1 510[b]	79	40	3 136	
NISKU F SOLN	423	0.82	0.10	312[b]			39		
NISKU F ASSOC		0.85	0.10		-161[b]	473	39	18 504	
OTHER	4 370			2 182	779	1 403		55 156	
TOTAL-BIGORAY	9 252			5 236	2 649	2 587		101 804	
BIGSTONE 061-22W5									
DUNVEGAN A ASSOC	7 836	0.65	0.05	4 838[b]			40		8 651
DUNVEGAN A TOTAL	7 836	0.65	0.05	4 838[b]	3 930[b]	908	40	36 656	
DUNVEGAN B	1 615	0.80	0.10	1 163	628	535	40	21 411	3 586
D-3 A	13 665	0.46	0.30	4 400	4 283	117	37	4 370	2 277
D-3 B	801	0.80	0.20	513	5	508	37	18 694	200
OTHER	921			621	142	479		18 756	
TOTAL-BIGSTONE	24 838			11 535	8 988	2 547		99 887	
BILAWCHUK 080-08W6									
TOTAL-BILAWCHUK	541			379		379		14 716	
BILBO 065-08W6									
FALHER A	549	0.90	0.15	420	234	186	40	7 362	250
OTHER	750			495	220	275		10 817	
TOTAL-BILBO	1 299			915	454	461		18 179	
BINDLOSS 022-05W4									
MILK RIVER A	484	0.50	0.05	230			36		22 607

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
5.33	0.182	0.65	9 260	36	0.840	0.62	994.7	1994	1995	
8.30	0.169	0.75	8 170	33	0.867	0.58	899.6	1994	1997	
3.75	0.154	0.55	9 610	44	0.867	0.58	1 193.7	1994	1997	
								1994	1997	
3.49	0.266	0.55	4 430	26	0.919	0.57	597.9	1967	1997	CNRL TCPL PRODUCTION DECLINE
1.00	0.270	0.60	4 120	27	0.927	0.56	619.6	1975	1996	
1.25	0.264	0.50	4 340	25	0.921	0.56	620.3	1974	1996	
1.20	0.210	0.25	4 330	35	0.929	0.57	615.7	1974	1996	
2.66	0.211	0.65	4 870	31	0.909	0.63	807.8	1974	1993	PRODUCTION DECLINE
0.98	0.200	0.65	4 880	32	0.914	0.59	815.5	1974	1993	PRODUCTION DECLINE
								1974	1994	TCPL
2.09	0.203	0.65	5 100	35	0.912	0.60	754.3	1965	1995	TCPL PANALTA CNRL PRODUCTION DECLINE
3.03	0.217	0.65	4 910	31	0.908	0.61	794.7	1967	1996	TCPL PRODUCTION DECLINE
0.88	0.227	0.60	5 300	33	0.903	0.61	799.8	1953	1997	PRODUCTION DECLINE
5.40	0.267	0.75	5 290	33	0.904	0.60	815.9	1953	1997	PRODUCTION DECLINE
								1953	1997	AMOCO TCPL PANALTA NORCEN
2.70	0.200	0.60	5 000	31	0.910	0.60	802.1	1968	1987	PRODUCTION DECLINE
1.35	0.245	0.65	5 000	31	0.908	0.60	803.2	1968	1989	PRODUCTION DECLINE
6.10	0.190	0.70	5 790	31	0.888	0.63	802.9	1976	1983	PRODUCTION DECLINE
								1968	1994	AMOCO TCPL
11.30	0.290	0.80	4 930	36	0.918	0.60	746.6	1993	1996	TCPL PANALTA CNRL PRODUCTION DECLINE
6.87	0.168	0.75	4 990	32	0.910	0.60	810.7	1967	1997	AMOCO TCPL CNRL
8.49	0.181	0.80	4 520	32	0.921	0.59	759.0	1976	1996	TCPL HUSKY CNRL NORCEN AEC
5.26	0.120	0.55	13 580	60	0.800	0.72	1 840.6	1958	1997	PART OF GLAUC POOL NO.5
1.30	0.050	0.40	16 520	67	0.807	0.73	1 847.1	1996	1997	PART OF GLAUC POOL NO.5
								1958	1997	PART OF GLAUC POOL NO.5
5.21	0.073	0.65	15 370	63	0.834	0.67	1 884.9	1962	1997	PRODUCTION DECLINE CONCURRENT PRODUCTION
						0.67		1962	1997	PRODUCTION DECLINE CONCURRENT PRODUCTION
								1962	1997	NORCEN CANOXY AMOCO POCO CONCURRENT PRODUCTION
						0.69		1977	1992	CHEVRON GPP
						0.69		1977	1992	CHEVRON GPP
4.72	0.150	0.70	18 240	71	0.825	0.69	1 980.9	1959	1995	GPP
								1959	1995	ENGAGE TALISMA AEC GPP
3.21	0.144	0.55	17 880	74	0.827	0.71	2 096.8	1976	1996	AMOCO NORCEN AEC
17.15	0.090	0.85	33 120	116	0.981	0.68	3 378.3	1960	1991	AMOCO TALISMA PRODUCTION DECLINE PREV GAS CYCLING, BLOWDOWN
18.00	0.120	0.85	28 500	115	0.958	0.67	3 469.0	1986	1996	AMOCO TALISMA
7.60	0.120	0.85	35 710	83	1.007	0.64	2 552.0	1982	1996	PANALTA DEEP CUT SL
4.98	0.154	0.55	3 140	16	0.937	0.56	331.1	1910	1994	PART OF MILK RIV POOL NO.1 PRODUCTION

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	AREA ha
BINDLOSS 022-05W4 (CONTINUED)									
MEDICINE HAT A	549	0.50	0.03	267			36		22 725
SE ALTA GAS SYS (MU) TOTAL	1 033	0.50	0.05	497	415	82	36	2 991	
VIKING A	10 774	0.90	0.01	9 600	8 963	637	36	23 187	21 268
LOWER MANNVILLE E	388	0.85	0.05	314	25	289	36	10 525	300
OTHER	877			593	279	314		11 423	
TOTAL-BINDLOSS	13 072			11 004	9 682	1 322		48 126	
BIRCH 050-11W4									
UPPER MANNVILLE R	400	0.80	0.05	304	281	23	37	862	668
CAMROSE B	896	0.90	0.05	766	627	139	37	5 186	4 603
OTHER	3 295			2 167	1 319	848		31 626	
TOTAL-BIRCH	4 591			3 237	2 227	1 010		37 674	
BISON LAKE 095-15W5									
TOTAL-BISON LAKE	445			333	159	174		6 406	
BISTCHO 122-04W6									
SULPHUR POINT G	708	0.70	0.20	397	13	384	37	14 396	1 771
OTHER	1 068			689	118	571		21 240	
TOTAL-BISTCHO	1 776			1 086	131	955		35 636	
BITTERN LAKE 046-22W4									
GLAUCONITIC A	1 268	0.80	0.05	963	740	223	37	8 157	1 313
ELLERSLIE D	648	0.80	0.10	466	182	284	39	10 948	1 156
OTHER	4 298			2 823	1 026	1 797		67 388	
TOTAL-BITTERN LAKE	6 214			4 252	1 948	2 304		86 493	
BLACK 110-09W6									
TOTAL-BLACK	1 078			363	195	168		6 420	
BLACK BUTTE 001-08W4									
BASAL COLORADO A	323	0.80	0.05	245			37		1 031
BASAL COLORADO B	300	0.85	0.05	242			37		838
BASAL COLORADO A&B TOTAL	623	0.80	0.05	487	418	69	37	2 563	
SUNBURST-SWIFT A	469	0.80	0.04	360	344	16	37	595	619
SAWTOOTH A	900	0.82	0.10	664	623	41	37	1 531	1 660
RUNDLE A	1 105	0.80	0.10	796	473	323	37	12 025	1 230
OTHER	680			459	262	197		7 362	
TOTAL-BLACK BUTTE	3 777			2 766	2 120	646		24 076	
BLACK DIAMOND 020-01W5									
TOTAL-BLACK DIAMOND	65			39	39				
BLACKFOOT 023-23W4									
MEDICINE HAT A	877	0.50	0.03	426			36		14 969
SE ALTA GAS SYS(MU) TOTAL	877	0.50	0.05	426	232	194	36	7 075	
VIKING K	534	0.85	0.05	431	149	282	37	10 349	1 189
OTHER	2 000			1 288	436	852		32 304	
TOTAL-BLACKFOOT	3 411			2 145	817	1 328		49 728	
BLACKSTONE 045-16W5									
BEAVERHILL LAKE A	33 334	0.80	0.25	20 000	8 148	11 852	37	441 368	4 714
OTHER	195			119		119		4 733	
TOTAL-BLACKSTONE	33 529			20 119	8 148	11 971		446 101	
BLOOD 006-22W4									
BOW ISLAND A	1 390	0.90	0.05	1 188	1 138	50	36	1 810	12 570
OTHER	977			631	269	362		12 788	
TOTAL-BLOOD	2 367			1 819	1 407	412		14 598	
BLUEBERRY 082-07W6									
KISKATINAW A	1 168	0.84	0.10	883	813	70	38	2 665	400
OTHER	929			656	233	423		16 313	
TOTAL-BLUEBERRY	2 097			1 539	1 046	493		18 978	
BLUERIDGE 059-10W5									
JURASSIC B	2 958	0.76	0.10	2 023	1 801	222	40	8 773	3 954
JURASSIC D	645	0.80	0.10	464	35	429	39	16 727	400
JURASSIC F	748	0.75	0.10	505	436	69	39	2 714	600
NORD 36-059-10	512	0.85	0.10	392		392	38	14 939	400

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
										DECLINE
0.56	0.170	0.55	4 310	17	0.916	0.56	430.2	1904	1994	PART OF MED HAT POOL NO.1
								1904	1994	TCPL RENENER NORCEN POCO CRESTAR
3.26	0.302	0.60	6 830	27	0.880	0.59	680.7	1952	1984	TCPL CRESTAR MATERIAL BALANCE
7.40	0.270	0.65	9 310	34	0.866	0.58	924.7	1994	1997	
4.41	0.290	0.75	5 040	27	0.908	0.58	659.0	1978	1995	TCPL PRODUCTION DECLINE
3.06	0.132	0.60	4 760	27	0.914	0.57	715.2	1961	1987	TCPL MATERIAL BALANCE
6.40	0.081	0.75	10 330	56	0.868	0.69	1 461.0	1996	1997	
8.82	0.211	0.80	9 130	45	0.858	0.63	1 223.5	1956	1989	PROGAS NORCEN PANALTA PRODUCTION DECLINE
4.37	0.181	0.80	8 730	50	0.868	0.66	1 221.6	1975	1996	NORCEN CDNFRST CGGS CWNGNUL
3.88	0.190	0.55	5 160	31	0.911	0.58	774.2	1944	1987	PRODUCTION DECLINE
3.21	0.232	0.60	6 430	20	0.876	0.57	791.5	1944	1987	PRODUCTION DECLINE
								1944	1987	CMG ALTROAN CRESTAR
5.68	0.190	0.70	6 680	34	0.892	0.59	900.8	1944	1984	CMG CRESTAR PRODUCTION DECLINE
2.58	0.173	0.70	8 100	38	0.878	0.60	988.3	1944	1981	CMG ALTROAN CRESTAR PRODUCTION DECLINE
5.98	0.111	0.80	8 260	33	0.868	0.62	996.8	1944	1979	CMG CRESTAR ALTROAN MATERIAL BALANCE
1.39	0.166	0.55	4 310	17	0.916	0.56	921.9	1904	1994	PART OF MED HAT POOL NO.1
								1904	1994	PROGAS PANCDN
4.32	0.179	0.60	9 610	49	0.876	0.61	1 329.4	1995	1997	
21.67	0.099	0.90	45 370	140	1.103	0.72	4 748.4	1979	1994	PAWTUCK HUSKY AMOCO MATERIAL BALANCE
3.37	0.142	0.60	3 350	31	0.937	0.63	976.3	1978	1997	PANALTA PRODUCTION DECLINE
5.18	0.131	0.75	15 380	64	0.845	0.65	1 585.9	1973	1995	TCPL MATERIAL BALANCE
4.64	0.181	0.65	12 930	62	0.847	0.66	1 709.7	1967	1997	PCOG TCPL PRODUCTION DECLINE
9.44	0.234	0.60	12 620	68	0.865	0.64	1 550.4	1971	1997	PCOG
9.84	0.179	0.55	12 540	66	0.853	0.66	1 626.9	1970	1990	PCOG MATERIAL BALANCE
5.25	0.298	0.70	11 830	63	0.857	0.64	1 485.3	1988	1991	CANST CRESTAR ENGAGE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE $10^6 m^3$	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES $10^6 m^3$	5 NET CUMULATIVE PRODUCTION $10^6 m^3$	6 REMAINING ESTABLISHED RESERVES $10^6 m^3$	7 GROSS HEAT VALUE MJ/m^3	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
BLUERIDGE 059-10W5 (CONTINUED)									
PEKISKO A SOLN	6	0.65	0.25	3[b]			39		
PEKISKO A ASSOC	695	0.80	0.10	500[b]	494[b]	9	39	353	1 637
OTHER	1 377			942	154	788		30 724	
TOTAL-BLUERIDGE	6 941			4 829	2 920	1 909		74 230	
BOLLOQUE 064-25W4									
LOWER MANNVILLE A	1 067	0.75	0.05	760	682	78	38	2 939	2 123
LOWER MANNVILLE B	557	0.75	0.05	397	195	202	38	7 613	1 161
OTHER	3 911			2 516	1 815	701		26 387	
TOTAL-BOLLOQUE	5 535			3 673	2 692	981		36 939	
BONANZA 081-12W6									
GETHING B	699	0.75	0.10	472	191	281	38	10 636	949
HALFWAY A	464	0.85	0.15	335	282	53	39	2 045	1 222
KISKATINAW D ASSOC	676	0.85	0.10	518[b]	321[b]	197	38	7 466	200
KISKATINAW A	706	0.85	0.10	540	477	63	38	2 390	200
KISKATINAW C	1 700	0.85	0.10	1 301	1 044	257	38	9 738	400
OTHER	4 451			2 633	550	2 083		78 702	
TOTAL-BONANZA	8 696			5 799	2 865	2 934		110 977	
BONDISS 065-15W4									
TOTAL-BONDISS	224			149	100	49		1 812	
BONNIE GLEN 047-27W4									
GLAUCONITIC A		0.75	0.10				39		3 925
LOWER MANNVILLE F		0.70	0.10				40		300
GLAUC A & L MANN F TOTAL	1 943	0.70	0.10	1 224	1 189	35	39	1 380	
D-3 A SOLN	17 625	0.80	0.35	9 165[b]			41		
D-3 A ASSOC	13 303	0.90	0.25	8 980[b]	9 067[b]	9 078	41	370 927	1 260
OTHER	1 123			733	404	329		13 078	
TOTAL-BONNIE GLEN	33 994			20 102	10 660	9 442		385 385	
BONNYVILLE 060-05W4									
GRAND RAPIDS C	652	0.75	0.05	465	441	24	37	896	1 729
OTHER	780			469	331	138		5 168	
TOTAL-BONNYVILLE	1 432			934	772	162		6 064	
BORDER 042-05W4									
TOTAL-BORDER	57			43		43		1 527	
BORRADAILE 051-05W4									
TOTAL-BORRADAILE	89			58	13	45		1 619	
BOTHA 098-05W6									
DEBOLT A	993	0.75	0.05	708	393	315	37	11 529	5 860
TOTAL-BOTHA	993			708	393	315		11 529	
BOTTREL 027-05W5									
CARDIUM A	326	0.90	0.15	249			41		1 178
CARDIUM A	100	0.80	0.10	72			41		200
CARDIUM A TOTAL	426	0.90	0.15	321	78	243	41	9 975	
OTHER	41			28	15	13		521	
TOTAL-BOTTREL	467			349	93	256		10 496	
BOUCHER 079-04W6									
DEBOLT A	306	0.90	0.10	248			38		200
ELKTON A	77	0.75	0.10	52			38		200
DEBOLT A & ELKTON A TOTAL	383	0.85	0.10	300	4	296	38	11 159	
OTHER	339			243	12	231		8 699	
TOTAL-BOUCHER	722			543	16	527		19 858	
BOUNDARY LAKE SOUTH 084-12W6									
TRIASSIC E ASSOC	191	0.75	0.10	129[b]			40		473
TRIASSIC E SOLN	1 234	0.47	0.10	522[b]			40		

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
						0.64		1967	1996	PRODUCTION DECLINE CONCURRENT PRODUCTION, OIL DEPLETED
6.79	0.120	0.65	13 100	64	0.856	0.64	1 731.4	1967	1996	PRODUCTION DECLINE CONCURRENT PRODUCTION, OIL DEPLETED
2.73	0.226	0.70	5 350	30	0.904	0.59	868.9	1965	1997	TCPL RENENER PRODUCTION DECLINE
3.77	0.289	0.80	5 380	33	0.908	0.58	863.9	1973	1996	DUKE TCPL
5.71	0.158	0.75	10 630	48	0.865	0.63	1 217.4	1989	1997	SUNCOR
2.45	0.122	0.75	14 520	54	0.745	0.83	1 482.7	1973	1996	PANALTA
11.38	0.110	0.85	19 350	73	0.868	0.66	2 104.6	1990	1994	SUNCOR QUEBEC PRODUCTION DECLINE TP/BS TVD, GPP
12.10	0.140	0.85	19 340	73	0.861	0.68	2 103.7	1991	1995	TALISMA PRODUCTION DECLINE
15.35	0.140	0.85	19 250	75	0.879	0.64	2 125.7	1989	1997	QUEBEC SUNCOR MATERIAL BALANCE
6.36	0.133	0.50	11 940	64	0.842	0.68	1 564.5	1954	1995	PART OF GLAUC POOL NO.3 PRODUCTION DECLINE
5.35	0.132	0.65	11 440	49	0.804	0.69	1 594.7	1979	1995	PART OF GLAUC POOL NO.3 PRODUCTION DECLINE
								1954	1995	SCEPTRE QUEBEC POCO PANCDN PANALTA IOL DIRECT CDNFRST AMOCO PART OF GLAUC POOL NO.3
						0.79		1952	1995	IOL CHEVRON CONC PROD, GAS CYC, DEEP CUT SL
65.53	0.101	0.95	16 820	80	0.807	0.79	2 044.9	1952	1995	IOL CHEVRON CONC PROD, GAS CYC, DEEP CUT SL
1.57	0.285	0.75	2 430	29	0.957	0.57	316.1	1949	1997	DUKE MATERIAL BALANCE
4.00	0.197	0.40	5 220	30	0.911	0.58	750.7	1975	1997	AMOCO NONCOMMERCIAL OIL
2.34	0.071	0.65	27 270	75	0.870	0.79	2 464.6	1970	1996	
2.40	0.100	0.85	27 570	82	0.899	0.72	2 469.5	1970	1996	
								1970	1996	CHEL
8.50	0.120	0.85	17 950	64	0.857	0.64	1 758.0	1994	1996	
9.00	0.040	0.80	13 620	64	0.859	0.64	1 780.0	1994	1995	
								1994	1996	
1.68	0.165	0.90	14 650	49	0.799	0.66	1 321.2	1964	1994	GPP
						0.66		1964	1994	GPP

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m^3	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
BOUNDARY LAKE SOUTH 084-12W6 (CONTINUED)									
TRIASSIC E ASSOC	95	0.75	0.10	64[b]			40		191
TRIASSIC E ASSOC	29	0.80	0.10	21[b]			40		100
TRIASSIC E TOTAL	1 549	0.55	0.10	736[b]	582[b]	154	40	6 101	
TRIASSIC N ASSOC		0.75	0.10				39		354
TRIASSIC N SOLN	430	0.65	0.10	252[b]			39		
TRIASSIC N ASSOC		0.75	0.10				39		195
TRIASSIC N TOTAL	977	0.70	0.10	621[b]	365[b]	256	39	10 061	
TRIASSIC O	741	0.85	0.10	567	534	33	40	1 307	1 173
TRIASSIC Q	780	0.80	0.10	562	229	333	39	12 864	1 756
TRIASSIC R	944	0.75	0.10	637	98	539	39	20 875	2 362
CHARLIE LAKE B	618	0.85	0.10	473	365	108	40	4 318	2 644
KISKATINAW E	1 111	0.90	0.05	950	943	7	38	267	1 085
KISKATINAW H	1 169	0.95	0.10	1 000	920	80	39	3 114	200
KISKATINAW J	1 570	0.95	0.05	1 417	1 323	94	38	3 570	1 762
KISKATINAW N	673	0.90	0.05	576	205	371	38	13 983	793
KISKATINAW B		0.75	0.05				38		200
KISKATINAW G		0.80	0.05				38		200
KISKATINAW B & G TOTAL	521	0.80	0.05	396	396	< 1	38	-	
OTHER	4 788			3 018	1 445	1 573		60 449	
TOTAL-BOUNDARY LAKE SOUTH	15 441			10 953	7 405	3 548		136 909	
BOUVIER 070-24W4									
WABAMUN C	620	0.60	0.05	353	55	298	37	11 089	1 158
OTHER	689			415	198	217		8 185	
TOTAL-BOUVIER	1 309			768	253	515		19 274	
BOW ISLAND 011-11W4									
BOW ISLAND	2 667	0.75	0.05	1 900	1 834	66	36	2 354	37 342
OTHER	770			531	36	495		18 038	
TOTAL-BOW ISLAND	3 437			2 431	1 870	561		20 392	
BOYER 103-22W5									
BLUESKY B	902	0.50	0.05	428	291	137	37	5 101	13 328
BLUESKY A	20 042	0.50	0.05	9 520			37		145 039
GETHING A	316	0.50	0.05	150			38		4 764
BLUESKY A & GETHING A TOTAL	20 358	0.50	0.05	9 670	6 695	2 975	37	109 688	
OTHER	852			497	334	163		6 040	
TOTAL-BOYER	22 112			10 595	7 320	3 275		120 829	
BRANT 018-25W4									
BELLY RIVER D	596	0.55	0.05	312	300	12	36	435	3 263
OTHER	214			108	71	37		1 410	
TOTAL-BRANT	810			420	371	49		1 845	
BRAZEAU RIVER 045-13W5									
CARDIUM C SOLN	1 154	0.65	0.15	638	438	200	41	8 250	
CARDIUM K SOLN	923	0.65	0.10	540	352	188	41	7 747	
LOWER MANNVILLE O	1 491	0.80	0.10	1 074	149	925	41	38 027	3 159
ROCK CREEK D	1 634	0.85	0.25	1 042	364	678	41	27 771	1 596
ROCK CREEK E	496	0.85	0.10	380	98	282	40	11 348	200
ROCK CREEK F	584	0.85	0.15	422	22	400	41	16 240	600
ELKTON - SHUNDA A		0.75	0.10				39		6 519
ELKTON - SHUNDA A		0.75	0.10				39		9 708
ELKTON - SHUNDA A		0.75	0.10				39		200
ELKTON - SHUNDA A		0.75	0.10				39		128
ELKTON-SHUNDA A TOTAL	13 037	0.75	0.10	8 800	7 917	883	39	34 402	
ELKTON - SHUNDA B		0.85	0.10				39		27 150
ELKTON - SHUNDA B		0.85	0.10				39		46 742
ELKTON - SHUNDA B		0.85	0.10				39		200
ELKTON - SHUNDA B		0.85	0.10				39		11 789
ELKTON - SHUNDA B		0.85	0.10				39		27 393
ELKTON - SHUNDA B		0.85	0.10				39		200
ELKTON - SHUNDA B		0.85	0.10				39		200
ELKTON - SHUNDA B		0.85	0.10				39		200

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
1.40	0.230	0.95	14 650	48	0.797	0.66	1 310.1	1964	1992	
2.00	0.130	0.80	12 550	49	0.802	0.66	1 341.0	1964	1990	ASSIGNED WELL 06-30-084-12W6M
								1964	1994	ENGAGE IOL SCEPTRE GPP
2.84	0.146	0.85	11 180	54	0.841	0.64	1 259.3	1967	1994	PRODUCTION DECLINE GPP
						0.64		1967	1994	PRODUCTION DECLINE GPP
1.02	0.131	0.75	11 180	54	0.841	0.64	1 272.0	1967	1994	PRODUCTION DECLINE
								1967	1997	ENGAGE GPP
4.14	0.126	0.65	11 240	50	0.834	0.64	1 354.9	1968	1997	GARDNER SCEPTRE CHAUVCO PANALTA TALISMA PRODUCTION DECLINE
2.84	0.229	0.75	8 890	46	0.870	0.64	1 239.4	1983	1995	TCPL IOL BLUERGE
4.59	0.193	0.75	7 570	109	0.937	0.64	1 292.8	1984	1995	TCPL IOL BLUERGE ENGAGE
0.96	0.153	0.85	10 770	59	0.829	0.69	1 336.6	1983	1997	TCPL BLUERGE IOL ENGAGE PRODUCTION DECLINE
4.18	0.144	0.80	16 180	65	0.865	0.60	1 892.6	1964	1996	SCEPTRE ENGAGE SUMMIT PRODUCTION DECLINE
5.79	0.170	0.80	15 810	67	0.831	0.68	1 859.5	1964	1995	SUMMIT PRODUCTION DECLINE
5.46	0.128	0.75	16 150	68	0.870	0.61	1 911.2	1991	1997	ENGAGE SCEPTRE NORCEN MATERIAL BALANCE
4.17	0.150	0.80	17 550	64	0.873	0.59	1 796.0	1994	1997	SCEPTRE
2.44	0.170	0.80	16 230	60	0.862	0.59	1 845.0	1958	1992	
5.79	0.140	0.80	16 350	58	0.849	0.61	1 859.3	1958	1992	
								1958	1992	
10.08	0.209	0.75	3 370	28	0.939	0.58	648.3	1977	1997	TCPL
1.26	0.189	0.50	5 330	27	0.911	0.59	645.4	1909	1997	CDNFRST TCPL CWNGNUL POCO PROGAS NORCEN GARDNER CRESTAR ENGAGE PRODUCTION DECLINE
2.92	0.210	0.40	2 700	21	0.947	0.57	403.3	1974	1996	PANALTA TCPL
6.33	0.210	0.40	2 550	21	0.949	0.59	324.9	1974	1996	
2.40	0.225	0.45	2 630	17	0.946	0.57	379.5	1976	1994	
								1974	1996	AMOCO HUSKY IOL PANALTA TCPL
2.79	0.204	0.55	3 120	35	0.951	0.57	906.8	1977	1994	TARRAGN IOL PANALTA CRESTAR PRODUCTION DECLINE
						0.71		1973	1997	IOL TCPL BLUERGE TALISMA DEEP CUT SL GPP
						0.71		1973	1997	TCPL ENGAGE TALISMA GULF GPP
3.58	0.124	0.40	33 870	95	0.985	0.69	2 988.0	1975	1997	
4.86	0.124	0.70	28 140	95	0.896	0.85	3 127.1	1960	1996	PCOG CWNGNUL CONOCO DEEP CUT SL
12.50	0.100	0.90	25 970	98	0.903	0.73	3 162.9	1989	1994	CONOCO DEEP CUT SL
5.49	0.136	0.60	23 330	86	0.850	0.79	2 677.9	1994	1997	TCPL PCOG TOP/BASE TVD
5.56	0.096	0.85	25 890	107	0.944	0.68	2 933.9	1965	1985	MATERIAL BALANCE
3.81	0.079	0.85	26 430	108	0.951	0.67	2 927.9	1965	1986	MATERIAL BALANCE
2.62	0.050	0.80	26 580	99	0.943	0.67	2 905.5	1965	1965	MATERIAL BALANCE ASSIGNED WELL 10-02-045-12W5M
1.24	0.050	0.90	26 580	99	0.943	0.67	2 807.6	1965	1990	MATERIAL BALANCE ASSIGNED WELL 11-28-044-11W5M
								1965	1994	AMOCO TCPL GULF
4.15	0.099	0.80	26 800	92	0.937	0.67	3 050.4	1959	1985	MATERIAL BALANCE
2.80	0.081	0.80	26 800	94	0.936	0.69	2 999.2	1959	1997	MATERIAL BALANCE
1.51	0.044	0.75	26 800	95	0.937	0.69	3 057.1	1959	1989	MATERIAL BALANCE
0.60	0.064	0.65	26 800	95	0.939	0.68	2 860.8	1959	1985	MATERIAL BALANCE
1.49	0.077	0.75	26 800	100	0.943	0.68	2 927.9	1959	1997	MATERIAL BALANCE
0.30	0.030	0.80	26 800	95	0.939	0.68	3 150.3	1959	1990	MATERIAL BALANCE ASSIGNED WELL 11-11-046-14W5M
1.20	0.050	0.75	29 110	92	0.954	0.68	3 044.4	1959	1990	MATERIAL BALANCE ASSIGNED WELL 10-20-045-13W5M
0.80	0.059	0.70	28 930	95	0.956	0.68	3 184.2	1959	1990	MATERIAL BALANCE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 RAW GAS POOL RECOVERY frac	3 RAW GAS SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 MARKETABLE GAS NET CUMULATIVE PRODUCTION 10^6m^3	6 MARKETABLE GAS REMAINING ESTABLISHED RESERVES 10^6m^3	7 MARKETABLE GAS GROSS HEAT VALUE MJ/m^3	8 MARKETABLE GAS REMAINING ENERGY CONTENT TJ	9 AREA ha
BRAZEAU RIVER 045-13W5 (CONTINUED)									
ELKTON - SHUNDA B		0.85	0.10				39		200
ELKTON - SHUNDA B		0.85	0.10				39		200
ELKTON - SHUNDA B		0.85	0.10				39		400
ELKTON - SHUNDA B		0.85	0.10				39		200
ELKTON-SHUNDA B		0.85	0.10				39		2 076
ELKTON - SHUNDA B		0.85	0.10				39		273
ELKTON - SHUNDA B		0.85	0.10				39		200
ELKTON-SHUNDA B	67	0.75	0.20	40			41		716
ELKTON-SHUNDA B	111	0.75	0.15	71			39		400
ELKTON-SHUNDA B	16	0.70	0.15	9			39		356
ELKTON-SHUNDA B	30	0.75	0.15	20			39		200
ELKTON-SHUNDA B	32	0.75	0.15	20			39		200
ELKTON-SHUNDA B	10	0.70	0.15	6			39		64
ELKTON-SHUNDA B	3	0.75	0.15	2			39		32
ELKTON-SHUNDA B	15	0.75	0.15	9			39		100
ELKTON-SHUNDA B TOTAL	36 601	0.85	0.10	28 000	25 138	2 862	39	111 332	
NISKU A SOLN	943	0.81	0.35	497[b]			41		
NISKU A ASSOC		0.85	0.10		306[b]	191	41	7 823	
NISKU B SOLN	646	0.63	0.25	305[b]			41		
NISKU B ASSOC		0.80	0.10		208[b]	97	41	4 014	
NISKU E SOLN	867	0.84	0.35	473[b]			41		
NISKU E ASSOC		0.85	0.10		263[b]	210	41	8 692	
NISKU F	992	0.80	0.30	556	-62	618	42	25 913	104
NISKU J	707	c	c	481	357	124	41[a]	5 085	96
NISKU K	1 129	c	c	596	278	318	42	13 404	202
NISKU M	1 489	c	c	823	149	674	41[a]	27 877	139
NISKU N	649	0.85	0.30	386	207	179	38	6 890	128
NISKU P	8 663	c	c	3 435	-1 970	5 405	40[a]	216 200	3 471
NISKU S	1 665	c	c	756	93	663	41[a]	27 435	251
NISKU W	1 895	c	c	1 200	286	914	41[a]	37 593	215
NISKU Y	977	0.90	0.30	615	223	392	41	16 013	200
OTHER	14 530			8 318	2 152	6 166		247 938	
TOTAL-BRAZEAU RIVER	91 072			59 337	36 968	22 369		899 994	
BREWSTER (SA) 043-13W5									
TOTAL-BREWSTER	147			105		105		3 871	
BRIDGE 057-07W5									
TOTAL-BRIDGE	183			124	48	76		3 039	
BRIKER 046-03W4									
TOTAL-BRIKER	141			98	70	28		962	
BRINTNELL (SA) 081-23W4									
TOTAL-BRINTNELL	17			9		9		335	
BRITTS (SA) 096-17W5									
TOTAL-BRITTS	14			7		7		259	
BRONSON 057-17W5									
TOTAL-BRONSON	417			256	77	179		6 933	
BROOKS 018-14W4									
MILK RIVER A		0.70	0.05				37		3 498
MEDICINE HAT A		0.70	0.03				36		2 130
MEDICINE HAT C		0.50	0.03				36		1 487

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
4.00	0.060	0.65	28 460	94	0.951	0.68	3 140.8	1959	1990	MATERIAL BALANCE ASSIGNED WELL 10-01-046-14W5M
0.90	0.080	0.75	23 200	86	0.903	0.68	2 669.0	1959	1990	MATERIAL BALANCE ASSIGNED WELL 06-06-045-13W5M
0.69	0.065	0.80	26 800	95	0.939	0.68	2 808.8	1959	1985	MATERIAL BALANCE
1.30	0.060	0.80	28 610	95	0.953	0.68	3 154.7	1959	1990	MATERIAL BALANCE ASSIGNED WELL 11-11-046-14W5M
1.95	0.078	0.75	26 800	95	0.937	0.68	3 062.5	1959	1985	MATERIAL BALANCE
1.58	0.067	0.85	29 950	104	0.973	0.68	3 280.5	1959	1997	MATERIAL BALANCE
1.30	0.065	0.75	22 800	85	0.899	0.68	2 636.4	1959	1990	MATERIAL BALANCE ASSIGNED WELL 05-33-047-12W5M
0.74	0.082	0.80	22 180	100	0.877	0.76	3 176.2	1959	1997	
1.40	0.100	0.85	28 910	95	0.956	0.67	3 182.2	1959	1997	
0.52	0.065	0.85	18 340	102	0.907	0.67	3 126.7	1959	1997	
1.10	0.070	0.85	28 260	94	0.949	0.67	3 122.0	1959	1997	ASSIGNED WELL 02/8-30-47-14W5M
1.00	0.080	0.85	28 400	94	0.950	0.67	3 135.0	1959	1997	ASSIGNED WELL 02/8-30-47-14W5M
1.20	0.100	0.80	19 480	94	0.899	0.67	3 114.2	1959	1997	ASSIGNED WELL 16-12-47-14W5
1.00	0.050	0.80	29 870	97	0.966	0.67	3 272.5	1959	1997	ASSIGNED WELL:02/14-7-47-14W5
0.90	0.100	0.70	28 210	94	0.949	0.67	3 116.9	1959	1997	ASSIGNED WELL 14-7-47-13W5/O
								1959	1997	POCO AMOCO IOL TCPL PCOG PROGAS GARDNER TALISMA GULF
						0.75		1977	1988	PCOG PROGAS CHEVRON LEAN GAS BREAKTHRU, GPP, DP CUT SL
						0.75		1977	1988	PCOG PROGAS CHEVRON LEAN GAS BREAKTHRU, GPP, DP CUT SL
						0.75		1977	1989	CHEVRON DEEP CUT SL, GAS BREAKTHRU, GPP
						0.75		1977	1989	CHEVRON DEEP CUT SL, GAS BREAKTHRU, GPP
						0.75		1978	1988	AMOCO IOL PCOG LEAN GAS BREAKTHRU, GPP
						0.75		1978	1988	AMOCO IOL PCOG LEAN GAS BREAKTHRU, GPP
28.61	0.096	0.90	46 300	107	1.204	1.19	3 355.1	1978	1988	TCPL AMOCO IOL PCOG CHEL MATERIAL BALANCE PREV GAS CYCLING, BLOWDOWN
21.80	0.124	0.90	38 390	108	1.048	1.21	3 361.5	1979	1984	TCPL TALISMA PREV GAS CYCLING,BLOWDOWN
29.76	0.063	0.85	70 040	117	1.456	0.94	3 850.8	1978	1994	TCPL PCOG AMOCO TALISMA PREV GAS CYCLING, BLOWDOWN
31.50	0.100	0.85	50 590	104	1.256	0.79	3 271.8	1979	1987	PCOG CHEL PREV GAS CYCLING,BLOWDOWN
15.00	0.080	0.85	38 760	116	1.009	0.73	3 705.0	1980	1995	HUSKY MATERIAL BALANCE
16.08	0.067	0.85	32 760	99	0.838	1.20	3 116.2	1977	1992	AMOCO IOL TCPL PCOG TALISMA GAS CYCLING
24.30	0.102	0.90	37 880	110	0.953	1.08	3 752.6	1979	1989	AMOCO TCPL PROGAS TALISMA PREV GAS CYCLING, BLOWDOWN
18.34	0.104	0.90	37 050	113	0.942	1.06	3 718.1	1987	1990	IOL TCPL TALISMA PREV GAS CYCLING, BLOWDOWN,TP/BS TVD
24.80	0.070	0.85	55 410	116	1.224	0.91	3 669.7	1980	1994	PCOG PANALTA ALTROAN
4.58	0.154	0.55	3 140	16	0.935	0.57	369.7	1910	1994	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
0.79	0.170	0.55	4 310	17	0.916	0.56	460.4	1904	1994	PART OF MED HAT POOL NO.1 PRODUCTION DECLINE
0.92	0.139	0.60	4 450	19	0.916	0.56	484.4	1973	1994	PART OF MED HAT POOL NO.3 PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10⁶m³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10⁶m³	NET CUMULATIVE PRODUCTION 10⁶m³	REMAINING ESTABLISHED RESERVES 10⁶m³	GROSS HEAT VALUE MJ/m³	REMAINING ENERGY CONTENT TJ	ha
BROOKS 018-14W4 (CONTINUED)									
MEDICINE HAT D		0.50	0.03				36		344
SE ALTA GAS SYS (MU) TOTAL	741	0.70	0.05	479	399	80	37	2 954	
OTHER	13			6		6		234	
TOTAL-BROOKS	754			485	399	86		3 188	
BROWN CREEK (SA) 044-17W5									
TV 20-044-17	459	0.85	0.10	351		351	39	13 703	400
TV 044-17	398	0.85	0.05	321		321	38	12 208	890
OTHER	94			64		64		2 505	
TOTAL-BROWN CREEK	951			736		736		28 416	
BROWNVALE 081-26W5									
TOTAL-BROWNVALE	37			25		25		942	
BROXBURN 009-21W4									
TOTAL-BROXBURN	47			26	26				
BRUCE 047-16W4									
BELLY RIVER J	947	0.85	0.05	765	611	154	37	5 689	4 835
U&M VIKING A		0.75	0.03				36		101 612
UPPER MANNVILLE Z		0.65	0.05				38		670
ELLERSLIE W		0.70	0.05				36		150
ELLERSLIE JJJ	20	0.75	0.05	14			36		150
ELLERSLIE KKK	38	0.70	0.05	26			36		150
ELLERSLIE LLL	18	0.75	0.05	13			36		150
ELLERSLIE MMM	53	0.70	0.05	35			36		150
VIKING & MANN MU#1 TOTAL	4 502	0.75	0.05	3 270	3 045	225	37	8 334	
UPPER MANNVILLE ZZZ	455	0.80	0.05	346	253	93	37	3 405	490
UPPER MANNVILLE A2A	456	0.75	0.05	325	324	1	37	37	656
OTHER	10 363			6 500	3 697	2 803		104 008	
TOTAL-BRUCE	16 723			11 206	7 930	3 276		121 473	
BUFFALO LAKE 039-21W4									
TOTAL-BUFFALO LAKE	639			299	125	174		6 613	
BUICK 090-02W6									
TOTAL-BUICK	107			71	68	3		111	
BURDETT 009-10W4									
TOTAL-BURDETT	189			128	7	121		4 453	
BURNT TIMBER 031-09W5									
RUNDLE A	19 509	0.80	0.20	12 486			39		4 454
RUNDLE B	2 506	0.80	0.20	1 604			39		2 204
RUNDLE A & B TOTAL	22 015	0.80	0.20	14 090	10 839	3 251	39	126 626	
WABAMUN A	4 853	0.75	0.50	1 820	1 590	230	38	8 738	2 992
TOTAL-BURNT TIMBER	26 868			15 910	12 429	3 481		135 364	
BYEMOOR 034-19W4									
TOTAL-BYEMOOR	287			178	73	105		3 918	
CACHE 058-12W4									
VIKING A	1 529	0.40	0.05	581			37		32 584
COLONY YY	55	0.70	0.05	37			37		150
VIKING A & COLONY YY TOTAL	1 584	0.40	0.05	618	68	550	37	20 405	
COLONY D	519	0.70	0.05	345	200	145	38	5 446	1 943
COLONY G	471	0.80	0.05	358	351	7	37	262	1 266
COLONY P	411	0.80	0.05	313	128	185	37	6 854	1 081
COLONY OO	421	0.82	0.05	328	321	7	37	262	1 020
COLONY B		0.75	0.05				35		1 530
COLONY C		0.70	0.05				35		1 221
COLONY S		0.70	0.05				38		200
COLONY B,C & S TOTAL	597	0.75	0.05	426	409	17	36	610	
COLONY BB		0.65	0.05				38		745

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
0.59	0.139	0.60	4 450	19	0.916	0.56	497.8	1973	1994	PART OF MED HAT POOL NO.4 PRODUCTION DECLINE
								1904	1994	TCPL CWNGNUL PANALTA CANST PANCDN
7.90	0.070	0.85	31 400	98	0.986	0.65	3 332.1	1960	1996	PROGAS BER
4.15	0.057	0.80	30 800	101	0.990	0.61	3 364.5	1960	1989	GULF PROGAS BER
2.91	0.285	0.60	2 760	24	0.948	0.58	370.5	1970	1997	SCEPTRE TCPL POCO PART OF BR POOL NO.2 PRODUCTION DECLINE
1.16	0.204	0.65	5 650	26	0.895	0.61	788.1	1917	1995	PART OF VIK POOL NO.2 PRODUCTION DECLINE SLUSH OIL
2.43	0.258	0.75	6 070	34	0.896	0.59	873.4	1975	1995	PART OF VIK POOL NO.2 PRODUCTION DECLINE
6.40	0.240	0.45	5 680	33	0.906	0.60	826.9	1976	1995	PART OF VIK POOL NO.2 PRODUCTION DECLINE
1.00	0.220	0.75	7 970	38	0.881	0.60	1 010.8	1994	1995	PART OF VIK POOL NO.2
1.50	0.270	0.75	7 930	38	0.881	0.60	1 004.0	1994	1997	PART OF VIK POOL NO.2
1.00	0.210	0.70	7 950	38	0.881	0.60	1 008.3	1994	1997	PART OF VIK POOL NO.2
2.00	0.250	0.85	7 990	38	0.881	0.60	1 016.0	1994	1995	PART OF VIK POOL NO.2
								1917	1995	AMOCO NRTHSTR TCPL CWNGNUL PANALTA PROGAS IOL CNRL NORCEN POCO PART OF VIK POOL NO.2 SLUSH OIL
1.44	0.241	0.65	6 170	34	0.898	0.60	884.4	1977	1996	ENGAGE TCPL MATERIAL BALANCE
3.54	0.266	0.75	6 140	34	0.899	0.60	873.1	1976	1997	ENGAGE TCPL POCO PRODUCTION DECLINE
31.61	0.067	0.90	26 610	94	0.917	0.72	3 210.9	1959	1990	TOP/BASE TVD
9.27	0.069	0.80	25 860	98	0.892	0.76	3 339.5	1959	1988	TOP/BASE TVD
								1959	1988	TCPL MU REPORTING CLAUSE W/WABAMUN A
13.39	0.055	0.80	31 720	106	0.853	0.88	3 748.7	1976	1997	TCPL PRODUCTION DECLINE TP/BS TVD, MU RPT CLAUSE W/ RUND A&B
0.83	0.245	0.55	4 000	21	0.922	0.58	443.5	1949	1997	PART OF VIK POOL NO.6
6.00	0.260	0.70	3 190	15	0.934	0.57	475.0	1978	1994	PART OF VIK POOL NO.6
								1949	1997	TCPL POCO PANALTA NORCEN SASKEN HUSKY CDNFRST AMOCO CNRL PART OF VIK POOL NO.6
4.63	0.272	0.70	2 960	22	0.942	0.58	476.7	1952	1995	SASKEN TCPL CWNGNUL HUSKY PANALTA SLUSH OIL
5.62	0.299	0.75	3 050	22	0.941	0.57	497.6	1965	1985	SASKEN TCPL MATERIAL BALANCE
4.86	0.286	0.75	3 520	21	0.933	0.56	498.3	1977	1996	NORCEN CNRL SASKEN TCPL PANALTA CDNFRST
3.04	0.330	0.75	3 530	22	0.933	0.56	474.5	1970	1994	SASKEN PANALTA PRODUCTION DECLINE
1.30	0.277	0.70	3 790	20	0.929	0.59	484.1	1971	1994	PRODUCTION DECLINE
1.62	0.298	0.65	3 850	20	0.928	0.59	488.5	1971	1994	PRODUCTION DECLINE
1.82	0.250	0.60	3 910	20	0.923	0.56	489.8	1971	1994	PRODUCTION DECLINE
								1971	1994	TCPL PANALTA
1.46	0.272	0.70	3 320	20	0.934	0.57	480.4	1977	1993	PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10⁶m³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10⁶m³	NET CUMULATIVE PRODUCTION 10⁶m³	REMAINING ESTABLISHED RESERVES 10⁶m³	GROSS HEAT VALUE MJ/m³	REMAINING ENERGY CONTENT TJ	ha
CACHE 058-12W4 (CONTINUED)									
COLONY EE		0.70	0.05				38		1 262
COLONY HH		0.80	0.05				38		2 608
COLONY BB, EE & HH TOTAL	566	0.75	0.05	409	391	18	38	682	
COLONY DD		0.70	0.05				37		880
COLONY FF		0.75	0.05				37		777
COLONY DD & FF TOTAL	559	0.75	0.05	398	362	36	38	1 353	
COLONY E	329	0.80	0.05	250			38		2 744
COLONY RR	9	0.70	0.05	6			38		150
COLONY F	103	0.70	0.05	68			37		903
COLONY E,F & RR TOTAL	441	0.75	0.05	324	207	117	38	4 389	
CLEARWATER B	1 184	0.70	0.05	788	785	3	37	111	3 843
OTHER	4 535			2 981	2 000	981		36 687	
TOTAL-CACHE	11 288			7 288	5 222	2 066		77 061	
CADOTTE 086-19W5									
TOTAL-CADOTTE	1 042			671	473	198		7 406	
CALAIS 070-25W5									
TOTAL-CALAIS	188			91	70	21		818	
CALLING LAKE 071-18W4									
MCMURRAY A	219	0.55	0.05	114			37		3 075
D-2 A	645	0.60	0.05	368			37		2 192
MCMURRAY A & D-2 A TOTAL	864	0.60	0.05	482	287	195	37	7 158	
D-2 B	3 158	0.67	0.05	2 010	1 941	69	37	2 547	6 580
OTHER	1 824			1 047	484	563		20 744	
TOTAL-CALLING LAKE	5 846			3 539	2 712	827		30 449	
CALLING LAKE SOUTH 070-22W4									
TOTAL-CALLING LAKE SOUTH	460			258	104	154		5 748	
CALLING LAKE WEST 071-20W4									
UPPER MANNVILLE A		0.70	0.05				38		3 557
UPPER MANNVILLE C		0.50	0.05				38		1 573
UPPER MANNVILLE A & C TOTAL	750	0.70	0.05	485	462	23	38	864	
LOWER MANNVILLE A	429	0.75	0.05	306	198	108	37	4 009	2 740
OTHER	1 389			845	568	277		10 283	
TOTAL-CALLING LAKE WEST	2 568			1 636	1 228	408		15 156	
CAMPBELL-NAMAO 054-24W4									
BLAIRMORE E SOLN	120	0.65	0.10	70[b]			38		
BLAIRMORE E ASSOC	847	0.90	0.10	686[b]	491[b]	265	38	10 181	704
BLAIRMORE F SOLN	162	0.65	0.15	89[b]			38		
BLAIRMORE F ASSOC	653	0.85	0.10	500[b]	345[b]	244	38	9 379	390
BLAIRMORE A ASSOC		0.80	0.10				38		161
BLAIRMORE A SOLN	117	0.65	0.10	68[b]			38		
BLAIRMORE A ASSOC		0.80	0.10				38		431
BLAIRMORE A ASSOC		0.80	0.10				39		49
BLAIRMORE A ASSOC		0.80	0.10				39		105
BLAIRMORE A ASSOC		0.80	0.10				39		80
BLAIRMORE A ASSOC		0.80	0.10				36		50
BLAIRMORE A ASSOC		0.80	0.10				36		79
BLAIRMORE A ASSOC		0.80	0.10				38		36
BLAIRMORE A ASSOC		0.80	0.10				38		34
BLAIRMORE A ASSOC		0.80	0.10				36		52
BLAIRMORE A TOTAL	1 312	0.80	0.10	928[b]	785[b]	143	38	5 423	
BLAIRMORE J ASSOC		0.65	0.10				38		396
BLAIRMORE J SOLN	48	0.65	0.25	23[b]			38		
BLAIRMORE J ASSOC		0.65	0.10				38		64
BLAIRMORE J TOTAL	1 059	0.65	0.10	614[b]	494[b]	120	38	4 562	
OTHER	527			343	223	120		4 572	
TOTAL-CAMPBELL-NAMAO	4 680			3 230	2 338	892		34 117	
CANAL 070-23W4									
WABAMUN B	445	0.85	0.05	359	166	193	37	7 129	1 571
OTHER	398			234	51	183		6 612	
TOTAL-CANAL	843			593	217	376		13 741	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
1.33	0.269	0.60	3 920	20	0.919	0.58	486.3	1973	1993	PRODUCTION DECLINE
1.66	0.292	0.65	3 800	20	0.922	0.58	481.3	1971	1993	PRODUCTION DECLINE
								1971	1993	SASKEN TCPL PANALTA
1.33	0.290	0.60	4 220	20	0.916	0.58	483.0	1958	1995	PRODUCTION DECLINE
1.72	0.294	0.75	3 920	25	0.924	0.56	477.0	1958	1995	PRODUCTION DECLINE
								1958	1995	SASKEN
1.54	0.305	0.70	3 510	21	0.931	0.57	492.6	1973	1996	
1.50	0.230	0.50	3 520	24	0.933	0.57	509.6	1978	1986	
1.75	0.272	0.65	3 570	22	0.932	0.56	484.2	1973	1986	
								1973	1986	SASKEN PANALTA
2.33	0.313	0.65	3 850	23	0.929	0.56	573.1	1973	1997	SASKEN PANALTA TCPL PRODUCTION DECLINE
2.39	0.201	0.60	2 420	19	0.953	0.57	461.4	1964	1996	
14.09	0.149	0.65	2 120	19	0.958	0.58	473.7	1964	1996	
								1964	1996	SUNCOR
9.34	0.115	0.70	2 430	20	0.953	0.57	466.0	1964	1996	SUNCOR MATERIAL BALANCE
2.75	0.314	0.55	2 880	24	0.945	0.57	425.5	1970	1994	PRODUCTION DECLINE
0.80	0.277	0.55	2 130	14	0.954	0.57	309.2	1970	1994	PRODUCTION DECLINE
								1970	1994	AMOCO CDNFRST PANALTA
3.43	0.274	0.60	2 740	23	0.948	0.58	482.9	1972	1994	PINCL AMOCO CDNFRST PANALTA CNRL NORCEN
						0.65		1951	1996	ENGAGE GPP
9.11	0.192	0.80	8 380	46	0.869	0.65	1 103.9	1951	1996	ENGAGE GPP
						0.65		1966	1994	CNWE ENGAGE PRODUCTION DECLINE CONCURRENT PRODUCTION
6.15	0.205	0.70	7 620	41	0.871	0.65	1 107.9	1966	1994	CNWE ENGAGE PRODUCTION DECLINE CONCURRENT PRODUCTION
1.67	0.185	0.60	8 200	42	0.852	0.66	1 116.7	1949	1985	PRODUCTION DECLINE CONCURRENT PRODUCTION
						0.66		1949	1985	PRODUCTION DECLINE CONCURRENT PRODUCTION
1.90	0.156	0.55	8 540	42	0.848	0.66	1 119.8	1949	1986	PRODUCTION DECLINE
2.86	0.200	0.50	8 020	42	0.830	0.70	1 128.2	1949	1986	PRODUCTION DECLINE
1.94	0.190	0.70	8 550	42	0.821	0.71	1 123.7	1949	1986	PRODUCTION DECLINE
2.06	0.203	0.55	8 020	42	0.830	0.70	1 125.3	1949	1986	PRODUCTION DECLINE
1.46	0.200	0.50	7 060	42	0.877	0.67	1 131.9	1949	1986	PRODUCTION DECLINE
1.09	0.200	0.50	8 370	42	0.859	0.67	1 132.4	1949	1986	PRODUCTION DECLINE
1.81	0.190	0.50	8 370	42	0.850	0.66	1 137.0	1949	1986	PRODUCTION DECLINE
1.76	0.190	0.50	8 370	43	0.852	0.66	1 137.1	1949	1986	PRODUCTION DECLINE
2.29	0.200	0.55	8 370	42	0.859	0.67	1 131.2	1949	1988	PRODUCTION DECLINE
								1949	1994	NORCEN CONCURRENT PRODUCTION
5.37	0.225	0.60	7 950	47	0.888	0.63	1 135.9	1976	1988	PRODUCTION DECLINE CONCURRENT PRODUCTION, TOP/BASE TVD
						0.63		1976	1988	PRODUCTION DECLINE CONCURRENT PRODUCTION, TOP/BASE TVD
4.00	0.220	0.70	7 970	36	0.865	0.64	1 137.7	1976	1988	PRODUCTION DECLINE ASSIGNED WELL 05-12-054-25W4M
								1976	1994	CNWE CONCURRENT PRODUCTION
5.09	0.233	0.80	2 960	26	0.943	0.61	591.3	1972	1996	CDNFRST TCPL CNRL CANST

TABLE 4-5

	1	2	3	4	5	6	7	8	9
FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	ha
CANARD 057-09W4									
TOTAL-CANARD	1 995			1 237	694	543		20 250	
CAPRON 026-02W4									
TOTAL-CAPRON	431			304	126	178		6 598	
CARBON 029-22W4									
BELLY RIVER C	382	0.80	0.05	291			36		1 489
BELLY RIVER J	63	0.55	0.05	33			36		493
BELLY RIVER C & J TOTAL	445	0.75	0.05	324	176	148	36	5 349	
BELLY RIVER K		0.80	0.05				37		250
VIKING D		0.80	0.10				39		7 108
BELLY R K & VIKING D TOTAL	2 350	0.80	0.10	1 692	1 518	174	39	6 828	
GLAUCONITIC		0.80	0.10				39		5 078
GLAUCONITIC		0.80	0.10				39		5 778
GLAUCONITIC TOTAL	5 101	0.80	0.05	4 040	1 853	2 187	39	85 140	
GLAUCONITIC F	457	0.80	0.10	329	50	279	40	11 127	150
GLAUCONITIC J ASSOC		0.70	0.10				39		293
GLAUCONITIC J SOLN	54	0.65	0.24	27[b]			39		
GLAUCONITIC J ASSOC		0.75	0.10				39		487
GLAUCONITIC J TOTAL	834	0.80	0.10	581[b]	427[b]	154	39	6 015	
ELLERSLIE A	653	0.75	0.10	441	417	24	39	945	64
ELLERSLIE C	765	0.85	0.10	585	18	567	40	22 561	1 012
OTHER	3 541			2 265	1 430	835		32 452	
TOTAL-CARBON	14 146			10 257	5 889	4 368		170 417	
CARDIFF 054-02W5									
ELLERSLIE A	670	0.97	0.10	585	568	17	39	667	1 232
OTHER	464			310	2	308		11 874	
TOTAL-CARDIFF	1 134			895	570	325		12 541	
CARIBOU 062-10W5									
TOTAL-CARIBOU	31			20	20				
CARIBOU LAKE (SA) 117-12W5									
TOTAL-CARIBOU LAKE	36			18		18		664	
CARMANGAY 013-22W4									
TOTAL-CARMANGAY	798			471	100	371		14 249	
CAROLINE 035-06W5									
CARDIUM E SOLN	5 156	0.32	0.15	1 403[b]			41		
CARDIUM E ASSOC	26	0.75	0.10	18[b]	729[b]	692	41	28 400	193
CARDIUM M	1 375	0.90	0.15	1 052			41		1 122
CARDIUM N	86	0.80	0.15	59			41		400
GLAUCONITIC L	174	0.75	0.10	118			41		150
CARD M,N & GLC L TOTAL	1 635	0.90	0.15	1 229	720	509	41	20 920	
VIKING A ASSOC	4 050	0.92	0.10	3 353[b]			40		15 606
VIKING A SOLN	880	0.65	0.15	486[b]			40		
1ST WHITE SPKS A&VIKA TOTAL	4 930	0.85	0.10	3 839[b]	3 641[b]	198	40	7 997	
GLAUCONITIC C		0.50	0.10				40		1 755
BASAL MANNVILLE K		0.50	0.10				41		2 515
BASAL MANNVILLE R		0.75	0.10				41		822
BASAL MANNVILLE GG		0.50	0.10				40		5 714
BASAL MANNVILLE OO		0.50	0.10				41		2 142
BASAL MANNVILLE RR		0.50	0.10				40		961
BASAL MANNVILLE KKK		0.50	0.10				41		150
BASAL MANNVILLE LLL		0.50	0.10				41		150
BASAL MANNVILLE MMM		0.50	0.10				41		150
BASAL MANNVILLE M2M		0.50	0.10				41		150
BASAL MANNVILLE N2N		0.50	0.10				41		150
BASAL MANNVILLE O2O		0.50	0.10				41		150
BASAL MANNVILLE P2P		0.50	0.10				41		150
BASAL MANNVILLE Q2Q		0.50	0.10				41		150
BASAL MANNVILLE R2R		0.50	0.10				40		150
BASAL MANNVILLE B2B		0.50	0.15				41		150
BASAL MANNVILLE S2S		0.50	0.10				40		591
BASAL MANNVILLE G3G		0.50	0.10				41		566

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
5.65	0.252	0.60	2 980	25	0.946	0.59	579.1	1973	1991	
2.94	0.223	0.60	3 240	29	0.945	0.59	750.2	1975	1991	
								1973	1991	CWNGNUL PANALTA NORCEN
3.10	0.300	0.70	4 210	25	0.924	0.58	616.5	1980	1996	PART OF VIK POOL NO.3 PRODUCTION DECLINE
2.02	0.148	0.65	8 040	46	0.853	0.66	1 301.2	1959	1996	PART OF VIK POOL NO.3 PRODUCTION DECLINE
								1959	1997	PANCDN NORCEN CWNGNUL TALISMA PART OF VIK POOL NO.3
1.92	0.192	0.60	10 120	49	0.824	0.68	1 443.9	1955	1996	MATERIAL BALANCE SLUSH OIL
5.14	0.192	0.65	10 170	50	0.829	0.68	1 451.5	1955	1990	MATERIAL BALANCE
								1955	1994	AMOCO CAN88 TCPL CWNGNUL PANCDN TALISMA SLUSH OIL
23.30	0.180	0.65	10 890	62	0.827	0.70	1 475.3	1988	1995	CWNGNUL SLUSH OIL NONCOMMERCIAL OIL
4.27	0.223	0.75	10 060	52	0.831	0.68	1 412.0	1990	1995	PRODUCTION DECLINE CONCURRENT PRODUCTION
						0.68		1990	1995	PRODUCTION DECLINE CONCURRENT PRODUCTION
3.56	0.199	0.70	10 500	52	0.823	0.69	1 398.5	1990	1995	PRODUCTION DECLINE
								1990	1995	TCPL CWNGNUL PANCDN TARRAGN CONCURRENT PRODUCTION
9.80	0.210	0.85	10 360	54	0.825	0.69	1 468.9	1988	1995	PRODUCTION DECLINE
8.18	0.154	0.55	10 310	53	0.824	0.69	1 436.9	1961	1995	CHAUVCO PANCDN
1.71	0.185	0.70	10 410	46	0.814	0.68	1 321.3	1977	1997	NORCEN IOL MATERIAL BALANCE
						0.70		1974	1996	AMOCO TCPL DIRECT PANALTA POCO GPP
0.83	0.100	0.70	25 420	81	0.880	0.70	2 413.7	1974	1996	AMOCO TCPL DIRECT PANALTA POCO GPP
5.96	0.108	0.75	26 890	78	0.858	0.85	2 494.6	1987	1995	TOP/BASE TVD
1.90	0.056	0.80	27 250	77	0.875	0.76	2 485.0	1988	1995	TOP/BASE TVD
10.40	0.070	0.80	22 700	95	0.881	0.72	3 183.8	1987	1996	TOP/BASE TVD
								1987	1996	CANST MORRIS
1.96	0.113	0.70	17 230	81	0.827	0.73	2 395.9	1957	1997	CONCURRENT PRODUCTION
						0.73		1957	1997	CONCURRENT PRODUCTION
								1957	1997	PROGAS AMOCO APACHE DIRECT NORCEN PANALTA SHELL TCPL ALTROAN CHEL GULF CONCURRENT PRODUCTION
2.25	0.116	0.75	24 450	89	0.910	0.65	2 872.2	1981	1994	PRODUCTION DECLINE
1.55	0.108	0.75	28 480	92	0.925	0.70	3 007.9	1980	1994	PRODUCTION DECLINE
1.43	0.087	0.75	28 480	92	0.928	0.68	2 994.3	1980	1994	PRODUCTION DECLINE
3.29	0.096	0.60	24 210	93	0.882	0.74	2 938.9	1969	1994	PRODUCTION DECLINE
1.19	0.103	0.80	26 100	91	0.904	0.69	2 990.0	1981	1994	PRODUCTION DECLINE
0.85	0.084	0.70	23 640	96	0.901	0.68	2 953.1	1981	1994	PRODUCTION DECLINE
0.80	0.130	0.85	26 720	91	0.909	0.69	2 956.5	1984	1994	PRODUCTION DECLINE
1.70	0:100	0.75	26 520	91	0.908	0.69	2 940.7	1984	1994	PRODUCTION DECLINE
1.60	0.160	0.85	25 370	89	0.896	0.69	2 845.9	1982	1994	PRODUCTION DECLINE
1.80	0.100	0.80	27 640	93	0.920	0.69	3 063.9	1983	1994	PRODUCTION DECLINE
3.20	0.110	0.80	27 890	93	0.922	0.69	3 086.9	1983	1994	PRODUCTION DECLINE
1.00	0.100	0.80	26 060	90	0.903	0.69	2 903.0	1981	1994	PRODUCTION DECLINE
2.00	0.100	0.75	26 300	90	0.905	0.69	2 922.6	1981	1994	PRODUCTION DECLINE
1.00	0.100	0.85	26 410	90	0.905	0.69	2 931.0	1981	1994	PRODUCTION DECLINE
2.00	0.120	0.90	27 230	92	0.919	0.69	2 998.5	1984	1994	PRODUCTION DECLINE
2.00	0.100	0.80	25 270	89	0.865	0.79	2 838.0	1982	1994	PRODUCTION DECLINE
0.90	0.114	0.80	26 100	88	0.909	0.68	2 832.7	1961	1994	PRODUCTION DECLINE
0.89	0.110	0.80	28 600	80	0.905	0.72	2 812.6	1982	1994	PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	ha
CAROLINE 035-06W5 (CONTINUED)									
GLAUC & BSL MANN MU 1 TOTAL	1 804	0.50	0.10	812	665	147	40	5 889	
GLAUCONITIC M	275	0.75	0.10	185			40		486
BASAL MANNVILLE A4A	51	0.75	0.15	32			40		266
BASAL MANNVILLE B4B	50	0.75	0.15	32			40		353
BASAL MANNVILLE C4C	11	0.80	0.15	8			40		150
BASAL MANNVILLE H4H	30	0.80	0.10	22			40		150
BASAL MANNVILLE I4I	36	0.75	0.10	24			40		150
BASAL MANNVILLE J4J	45	0.75	0.10	31			40		150
GLAUC & BSL MANN MU#3 TOTAL	498	0.75	0.10	334	32	302	40	12 053	
BASAL MANNVILLE B	622	0.90	0.15	476	449	27	42	1 146	150
BASAL MANNVILLE G	559	0.85	0.15	404	385	19	42	807	150
BASAL MANNVILLE A		0.60	0.10				40		6 113
BASAL MANNVILLE L		0.60	0.10				40		2 363
BASAL MANNVILLE OO		0.60	0.10				41		1 621
BASAL MANNVILLE PP		0.60	0.10				41		300
BASAL MANNVILLE SS		0.60	0.10				40		656
BASAL MANNVILLE ZZ		0.60	0.10				41		150
BASAL MANNVILLE DDD		0.60	0.10				41		128
BASAL MANNVILLE JJJ		0.60	0.10				41		150
BASAL MANNVILLE YYY		0.60	0.10				41		300
BASAL MANNVILLE TTT ASSOC		0.60	0.15				42		150
BASAL MANNVILLE J2J		0.60	0.10				40		842
BASAL MANNVILLE T2T		0.60	0.15				42		1 082
BASAL MANNVILLE U2U		0.60	0.10				41		150
BASAL MANNVILLE V2V		0.60	0.10				40		150
BASAL MANNVILLE W2W		0.60	0.10				41		150
BASAL MANNVILLE C3C		0.60	0.10				40		128
GLAUCONITIC I		0.60	0.10				41		128
BASAL MANNVILLE B3B		0.60	0.10				40		128
BASAL MANNVILLE W3W		0.60	0.15				41		150
BASAL MANNVILLE X3X		0.60	0.15				41		150
BASAL MANNVILLE MU #3 TOTAL	2 800	0.60	0.10	1 495[b]	1 261[b]	234	41	9 491	
BASAL MANNVILLE K2K	201	0.80	0.10	145			40		300
BASAL MANNVILLE L2L	162	0.80	0.10	117			40		823
BASAL MANNVILLE X2X	133	0.80	0.10	95			41		300
BASAL MANNVILLE MU #5 TOTAL	496	0.80	0.10	357	139	218	40	8 768	
OSTRACOD A		0.50	0.10				39		821
GLAUCONITIC F		0.50	0.10				40		1 064
BASAL MANNVILLE O		0.50	0.10				40		300
BASAL MANNVILLE Y		0.50	0.10				40		8 689
BASAL MANNVILLE EE		0.50	0.10				39		970
BASAL MANNVILLE FF		0.50	0.10				39		150
BASAL MANNVILLE HH		0.50	0.10				40		999
BASAL MANNVILLE II		0.50	0.10				40		565
BASAL MANNVILLE JJ		0.50	0.10				40		150
BASAL MANNVILLE KK		0.50	0.10				40		300
BASAL MANNVILLE LL		0.50	0.10				40		150
BASAL MANNVILLE GGG		0.50	0.10				39		150
BASAL MANNVILLE HHH		0.50	0.10				39		432
BASAL MANNVILLE III		0.50	0.10				39		300
BASAL MANNVILLE Y2Y		0.50	0.10				40		200
BASAL MANNVILLE H3H		0.50	0.10				40		128
BASAL MANNVILLE I3I		0.50	0.10				40		128
BASAL MANN & OST MU TOTAL	3 520	0.50	0.10	1 584	1 282	302	40	12 165	
RUNDLE A ASSOC	153	0.75	0.15	98[b]			40		492
RUNDLE A SOLN	4 896	0.48	0.38	1 457[b]			40		
RUNDLE A ASSOC	175	0.75	0.15	111[b]			40		278
RUNDLE A ASSOC	10	0.75	0.15	7[b]			40		45
RUNDLE A ASSOC	64	0.75	0.15	41[b]			41		200
RUNDLE A TOTAL	5 298	0.50	0.35	1 714[b]	1 669[b]	45	40	1 804	
ELKTON A	1 300	0.85	0.15	939	758	181	40	7 258	400
ELKTON I	629	0.85	0.15	455	341	114	40	4 537	359
ELKTON P	678	0.90	0.15	519	117	402	40	16 120	200
ELKTON Q	860	0.85	0.15	621	102	519	41	21 232	200
ELKTON R	447	0.85	0.15	323	44	279	39	11 001	150
ELKTON S	499	0.85	0.15	360	256	104	41	4 254	355
LED 16-034-07	958	0.85	0.10	733		733	39	28 411	200
BEAVERHILL LAKE A	64 707	c	c	16 360	4 846	11 514	37[a]	420 376	13 355

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
								1961	1994	GULF DIRECT AMOCO TCPL MORRIS
2.81	0.116	0.75	26 260	81	0.912	0.65	2 731.9	1986	1993	
1.04	0.110	0.75	24 350	87	0.863	0.78	2 763.1	1986	1996	
0.85	0.099	0.75	24 280	87	0.862	0.78	2 757.0	1986	1993	
0.50	0.090	0.60	31 000	88	0.933	0.78	2 779.0	1988	1996	
1.00	0.100	0.90	26 350	89	0.923	0.65	2 714.5	1986	1994	
1.50	0.090	0.80	26 350	89	0.923	0.65	2 729.2	1986	1994	
1.00	0.150	0.90	26 350	89	0.923	0.65	2 745.5	1986	1994	
								1986	1993	AMOCO
6.85	0.070	0.75	29 400	85	0.908	0.77	2 890.7	1958	1989	TCPL AMOCO ALTROAN PRODUCTION DECLINE
26.10	0.110	0.85	20 330	92	0.845	0.77	2 958.8	1981	1995	AMOCO CHEL PRODUCTION DECLINE
1.92	0.116	0.80	26 730	87	0.901	0.72	2 694.7	1957	1994	PRODUCTION DECLINE
0.90	0.126	0.85	26 370	88	0.903	0.70	2 650.2	1964	1994	PRODUCTION DECLINE
1.57	0.118	0.80	27 850	87	0.905	0.73	2 815.6	1960	1994	PRODUCTION DECLINE
1.15	0.110	0.80	30 530	91	0.938	0.73	2 766.6	1981	1994	PRODUCTION DECLINE
0.90	0.139	0.85	27 450	84	0.916	0.68	2 650.8	1980	1994	PRODUCTION DECLINE
0.80	0.090	0.80	29 330	89	0.922	0.73	2 774.0	1981	1994	PRODUCTION DECLINE
1.80	0.100	0.75	28 000	92	0.905	0.76	2 837.4	1981	1994	PRODUCTION DECLINE
1.00	0.100	0.80	29 330	89	0.922	0.73	2 792.3	1981	1994	PRODUCTION DECLINE
1.43	0.120	0.80	23 450	86	0.858	0.75	2 690.4	1973	1994	PRODUCTION DECLINE
0.90	0.130	0.75	23 510	86	0.848	0.76	2 694.3	1957	1994	PRODUCTION DECLINE GPP
0.66	0.106	0.85	26 010	87	0.899	0.70	2 639.4	1980	1994	PRODUCTION DECLINE
1.42	0.116	0.85	23 840	80	0.849	0.75	2 674.3	1982	1994	PRODUCTION DECLINE
0.80	0.110	0.85	23 140	85	0.857	0.74	2 664.1	1982	1994	PRODUCTION DECLINE
0.60	0.110	0.80	25 030	88	0.895	0.69	2 817.6	1960	1994	PRODUCTION DECLINE
0.73	0.110	0.80	29 330	88	0.917	0.74	2 776.8	1981	1994	PRODUCTION DECLINE
0.85	0.114	0.80	22 660	85	0.856	0.74	2 638.8	1963	1994	PRODUCTION DECLINE
4.00	0.120	0.85	22 290	84	0.861	0.71	2 594.5	1984	1994	PRODUCTION DECLINE
1.00	0.090	0.70	23 190	86	0.876	0.70	2 668.3	1987	1994	PRODUCTION DECLINE
0.90	0.090	0.75	22 670	85	0.854	0.73	2 625.6	1983	1994	PRODUCTION DECLINE
1.20	0.110	0.80	22 840	85	0.855	0.73	2 639.4	1983	1994	PRODUCTION DECLINE
								1957	1994	PROGAS APACHE PANALTA TCPL AMOCO NORCEN ALTROAN CHEL GPP
2.50	0.109	0.85	38 770	94	1.039	0.73	3 116.0	1983	1986	
0.92	0.104	0.75	36 680	100	1.022	0.69	3 147.4	1970	1990	
1.50	0.129	0.80	38 770	98	1.041	0.70	3 179.6	1985	1996	
								1970	1996	MORRIS NORCEN
2.51	0.094	0.80	22 800	93	0.896	0.68	2 892.6	1980	1994	PRODUCTION DECLINE
1.70	0.092	0.85	25 710	90	0.917	0.64	2 768.3	1982	1994	PRODUCTION DECLINE
1.00	0.125	0.90	25 770	91	0.888	0.75	2 869.2	1980	1994	PRODUCTION DECLINE
4.05	0.105	0.75	23 660	90	0.889	0.69	2 856.4	1978	1994	PRODUCTION DECLINE
1.58	0.094	0.75	22 600	92	0.886	0.70	2 915.2	1980	1994	PRODUCTION DECLINE
4.00	0.140	0.85	26 550	91	0.913	0.70	2 943.0	1980	1994	PRODUCTION DECLINE
1.20	0.095	0.75	22 470	94	0.874	0.73	2 946.9	1979	1994	PRODUCTION DECLINE
1.44	0.092	0.80	26 000	90	0.899	0.72	2 894.8	1981	1994	PRODUCTION DECLINE
1.40	0.075	0.65	26 470	90	0.899	0.73	2 936.5	1979	1994	PRODUCTION DECLINE
1.15	0.095	0.80	26 090	90	0.902	0.71	2 904.2	1981	1994	PRODUCTION DECLINE
1.22	0.080	0.80	27 020	91	0.917	0.69	2 980.8	1980	1994	PRODUCTION DECLINE
4.20	0.100	0.60	25 520	89	0.910	0.68	2 858.2	1979	1994	PRODUCTION DECLINE
1.17	0.103	0.85	23 000	89	0.893	0.68	2 800.6	1980	1994	PRODUCTION DECLINE
1.35	0.096	0.85	23 000	89	0.893	0.68	2 806.6	1980	1994	PRODUCTION DECLINE
1.20	0.080	0.65	25 650	89	0.897	0.71	2 869.2	1984	1994	PRODUCTION DECLINE
2.00	0.100	0.65	25 470	89	0.903	0.69	2 854.3	1984	1994	PRODUCTION DECLINE
1.30	0.110	0.65	25 530	89	0.903	0.69	2 859.2	1984	1994	PRODUCTION DECLINE
								1978	1994	GULF DIRECT AMOCO TCPL PROGAS ALTROAN
1.87	0.099	0.75	24 940	80	0.895	0.68	2 733.6	1955	1990	DRY GAS BREAKTHRU GPP
						0.68		1955	1990	DRY GAS BREAKTHRU GPP
3.23	0.105	0.85	24 940	86	0.904	0.68	2 675.1	1955	1996	
1.24	0.100	0.85	24 440	87	0.902	0.68	2 770.2	1955	1989	
1.80	0.100	0.85	22 850	85	0.864	0.73	2 640.6	1955	1996	
								1955	1996	PROGAS APACHE AMOCO TCPL PANALTA DRY GAS BREAKTHRU GPP
9.34	0.132	0.85	23 740	93	0.886	0.77	2 834.7	1959	1997	AMOCO ALTROAN MATERIAL BALANCE
5.35	0.115	0.80	25 250	89	0.887	0.78	2 862.6	1981	1995	AMOCO ALTROAN PRODUCTION DECLINE
12.15	0.140	0.90	25 500	88	0.907	0.70	2 734.4	1990	1994	APACHE TCPL
21.00	0.120	0.80	23 610	89	0.870	0.77	2 874.5	1981	1997	
16.75	0.100	0.80	24 190	88	0.858	0.82	2 704.9	1988	1995	
7.15	0.116	0.80	23 720	91	0.874	0.77	2 858.7	1996	1997	TOP/BASE TVD
25.20	0.080	0.90	37 230	110	1.047	0.62	3 961.2	1990	1995	TOP/BASE TVD
18.17	0.101	0.90	36 650	102	0.849	1.17	3 721.4	1986	1994	AMOCO SHELL HUSKY TCPL CDNFRST PROGAS ALTROAN GULF

TABLE 4-5

	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					
FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	INITIAL VOLUME IN PLACE $10^6 m^3$	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES $10^6 m^3$	NET CUMULATIVE PRODUCTION $10^6 m^3$	REMAINING ESTABLISHED RESERVES $10^6 m^3$	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	AREA ha
CAROLINE 035-06W5 (CONTINUED)									
SW HL 36-034-06	1 571	0.85	0.60	534		534	43	22 877	400
OTHER	13 700			5 397	1 941	3 456		140 071	
TOTAL-CAROLINE	112 693			39 906	19 377	20 529		785 577	
CARROT CREEK 052-12W5									
LOWER MANNVILLE G	1 169	0.85	0.15	845			41		1 580
LOWER MANNVILLE L	224	0.75	0.20	134			41		511
LOWER MANNVILLE O	115	0.75	0.15	73			41		300
LOWER MANNVILLE G,L&O TOTAL	1 508	0.85	0.15	1 052	327	725	41	29 493	
LOWER MANNVILLE Q		0.75	0.15				40		128
JURASSIC T		0.80	0.10				41		608
L MANN Q & JUR T TOTAL	821	0.80	0.10	563	419	144	41	5 901	
JURASSIC V ASSOC	46	0.70	0.10	29[b]			40		218
JURASSIC V SOLN	1 077	0.65	0.15	595[b]			40		
JURASSIC W ASSOC	34	0.70	0.10	22[b]			40		170
LMAN M, JUR O,P,V&W TOTAL	1 157	0.65	0.15	646[b]	294[b]	352	40	14 161	
OTHER	5 278			2 766	1 167	1 599		64 002	
TOTAL-CARROT CREEK	8 764			5 027	2 207	2 820		113 557	
CARSON CREEK 061-12W5									
BEAVERHILL LAKE B	10 941	c	c	8 030	7 300	730	42[a]	30 405	8 652
OTHER	369			222	50	172		6 694	
TOTAL-CARSON CREEK	11 310			8 252	7 350	902		37 099	
CARSON CREEK NORTH 062-12W5									
BEAVERHILL LAKE A ASSOC	584	0.65	0.15	323[b]			42		1 155
BEAVERHILL LAKE A SOLN	16 495	0.46	0.15	6 450[b]			42		
BEAVERHILL LAKE B ASSOC	149	0.65	0.15	82[b]			42		286
BEAVERHILL LAKE A&B TOTAL	17 228	0.45	0.15	6 855[b]	5 855[b]	1 000	42	41 710	
OTHER	825			557	216	341		13 201	
TOTAL-CARSON CREEK NORTH	18 053			7 412	6 071	1 341		54 911	
CARSTAIRS 030-02W5									
ELKTON A	29 728	0.93	0.15	23 500	22 903	597	40	24 047	6 316
ELKTON C	629	0.85	0.15	455	191	264	40	10 663	200
OTHER	287			181	79	102		4 028	
TOTAL-CARSTAIRS	30 644			24 136	23 173	963		38 738	
CARVEL 053-02W5									
TOTAL-CARVEL	371			234	106	128		4 615	
CASLAN 065-17W4									
GRAND RAPIDS A	150	0.65	0.05	93			38		1 743
GRAND RAPIDS B	49	0.65	0.05	30			37		714
NISKU A	679	0.75	0.05	484			37		1 995
GRD RP A,B & NISKU A TOTAL	878	0.75	0.05	607	381	226	37	8 409	
OTHER	424			263	126	137		5 114	
TOTAL-CASLAN	1 302			870	507	363		13 523	
CAVALIER 024-23W4									
TOTAL-CAVALIER	2 826			1 643	499	1 144		42 645	
CECIL 084-08W6									
CHARLIE LAKE A SOLN	688	0.65	0.20	358[b]			38		
CHARLIE LAKE A ASSOC	40	0.70	0.05	27[b]	341[b]	44	38	1 657	100
OTHER	1 158			770	54	716		27 495	
TOTAL-CECIL	1 886			1 155	395	760		29 152	
CECILIA 057-22W5									
GETHING A	176	0.80	0.10	127			42		200
GETHING B	309	0.85	0.05	250			39		705
GETHING C	62	0.75	0.10	42			40		150
GETHING D	65	0.75	0.10	44			40		150
CADOMIN A	426	0.85	0.20	290			38		874
GETH A,B,C,D, & CAD A TOTAL	1 038	0.85	0.15	753	115	638	39	25 054	
GETHING F	88	0.75	0.20	53			38		300
GETHING G	81	0.75	0.10	55			40		150
CADOMIN B	421	0.75	0.05	300			40		942
GETH F,G & CAD B TOTAL	590	0.75	0.10	408	13	395	39	15 559	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
22.70	0.060	0.90	36 830	109	0.856	1.17	3 895.4	1989	1991	CHEL TOP/BASE TVD
5.52	0.119	0.65	17 660	81	0.819	0.75	2 121.9	1976	1993	
2.86	0.106	0.75	17 900	76	0.755	0.85	2 180.6	1976	1996	
2.40	0.139	0.65	17 520	76	0.809	0.75	2 150.4	1979	1996	
								1976	1996	AMOCO TCPL
9.97	0.130	0.75	16 910	62	0.763	0.79	2 060.1	1979	1997	PRODUCTION DECLINE
3.88	0.107	0.65	23 100	75	0.835	0.74	2 093.9	1979	1997	PRODUCTION DECLINE
								1979	1997	PANALTA PROGAS
1.92	0.110	0.60	17 200	78	0.833	0.71	2 140.8	1976	1994	SOLN MU-L MN M, JUR O,P,V&W, GPP
						0.71		1976	1994	SOLN MU-L MN M, JUR O,P,V&W, GPP
1.79	0.106	0.65	17 100	80	0.837	0.71	2 154.8	1976	1986	
								1976	1994	PROGAS TCPL GPP
7.92	0.077	0.80	26 130	93	0.858	0.92	2 619.1	1957	1988	PCOG TCPL POCO PARTIAL GAS CYCLING, BLOWDOWN
3.13	0.089	0.85	22 940	85	0.854	0.75	2 645.2	1958	1997	SOLN MU-BVHL LAKE A & B, CONC PROD
						0.75		1958	1997	SOLN MU-BVHL LAKE A & B, CONC PROD
3.00	0.100	0.75	25 920	88	0.884	0.74	2 657.6	1958	1992	
								1958	1995	CRESTAR CONCURRENT PRODUCTION
18.65	0.085	0.75	22 820	80	0.853	0.78	2 466.4	1958	1989	AMOCO TCPL PRODUCTION DECLINE PARTIAL GAS CYCLING, BLOWDOWN
18.18	0.120	0.85	17 190	74	0.831	0.73	2 401.7	1986	1994	DIRECT
1.63	0.302	0.55	3 060	19	0.936	0.57	439.3	1980	1990	
1.27	0.299	0.50	3 460	20	0.934	0.56	483.2	1980	1982	
9.57	0.171	0.65	3 150	24	0.942	0.58	587.0	1976	1996	
								1976	1996	PANALTA
						0.61		1975	1995	PROGAS PANALTA GPP
5.60	0.120	0.70	8 190	40	0.872	0.61	1 054.7	1975	1995	PROGAS PANALTA GPP
5.40	0.120	0.60	27 290	100	0.919	0.70	2 684.7	1981	1993	
2.42	0.110	0.80	23 720	87	0.911	0.63	2 736.3	1981	1994	
3.30	0.100	0.70	19 860	87	0.877	0.67	2 764.1	1990	1996	
2.30	0.110	0.80	24 020	87	0.892	0.69	2 732.3	1990	1996	
3.72	0.096	0.75	18 790	97	0.793	1.01	2 777.7	1981	1994	
								1981	1994	PROGAS
2.30	0.090	0.75	18 910	91	0.781	1.01	2 715.2	1983	1997	
3.00	0.120	0.80	20 390	86	0.863	0.72	2 710.0	1996	1997	
3.67	0.106	0.70	18 910	93	0.896	0.63	2 763.2	1983	1997	
								1983	1997	

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m^3	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
CECILIA 057-22W5 (CONTINUED)									
NISKU A	1 583	0.35	0.35	360	326	34	37	1 268	606
OTHER	1 310			991	154	837		32 903	
TOTAL-CECILIA	4 521			2 512	608	1 904		74 784	
CENTRON 023-26W4									
TOTAL-CENTRON	94			64		64		2 560	
CEREAL 027-07W4									
TOTAL-CEREAL	434			287	7	280		10 489	
CESSFORD 025-13W4									
MILK RIVER A	4 180	0.70	0.05	2 780			36		83 859
MEDICINE HAT A	10 677	0.70	0.03	7 250			36		128 237
MEDICINE HAT C	456	0.50	0.03	221			36		15 830
MEDICINE HAT D	1 124	0.50	0.03	545			36		35 606
SECOND WHITE SPECKS A	576	0.75	0.05	410			36		8 868
SE ALTA GAS SYS(MU) TOTAL	17 013	0.70	0.05	11 206	4 091	7 115	36	259 484	
VIKING D		0.75	0.03				37		200
VIKING H		0.75	0.03				38		1 643
VIKING D & H TOTAL	853	0.75	0.05	621	618	3	37	112	
BASAL COLORADO A ASSOC		0.91	0.04				38		27 451
BASAL COLORADO A SOLN	544	0.44	0.20	191[b]			38		
BASAL COLORADO A ASSOC		0.91	0.04				38		524
BASAL COLORADO A ASSOC		0.91	0.04				38		189
BASAL COLORADO A TOTAL	20 501	0.90	0.05	17 626[b]	17 528[b]	98	38	3 760	
BASAL COLORADO O	949	0.80	0.10	683	682	1	38	38	3 549
BASAL COLORADO E		0.85	0.10				38		3 955
MANNVILLE N		0.85	0.04				38		440
MANNVILLE O		0.75	0.10				38		200
BSL COLO E & MANN N&O TOTAL	2 100	0.85	0.10	1 624	1 573	51	38	1 942	
MANNVILLE C ASSOC	1 012	0.85	0.05	817[b]			38		830
MANNVILLE C SOLN	1 280	0.65	0.25	624[b]			38		
MANNVILLE C ASSOC	711	0.85	0.05	574[b]			38		1 281
MANNVILLE C ASSOC	502	0.85	0.05	406[b]			38		1 753
MANNVILLE C ASSOC	19	0.75	0.05	13[b]			38		77
MANNVILLE C ASSOC	2	0.75	0.05	2[b]			38		32
MANNVILLE C ASSOC	1	0.75	0.05	1[b]			38		17
MANNVILLE C ASSOC	11	0.75	0.05	8[b]			38		73
MANNVILLE C ASSOC	11	0.75	0.05	8[b]			38		44
MANNVILLE C ASSOC	42	0.75	0.05	30[b]			38		150
MANNVILLE C ASSOC	11	0.75	0.05	8[b]			38		75
MANNVILLE C ASSOC	7	0.75	0.05	5[b]			38		75
MANNVILLE C ASSOC	7	0.75	0.05	5[b]			38		32
MANNVILLE C ASSOC	1	0.75	0.05	1[b]			38		6
MANNVILLE C ASSOC	8	0.75	0.05	6[b]			38		35
MANNVILLE C ASSOC	1	0.75	0.05	1[b]			38		11
MANNVILLE C ASSOC	4	0.75	0.05	3[b]			38		27
MANNVILLE C ASSOC	1	0.70	0.10	1[b]			38		8
MANNVILLE C TOTAL	3 631	0.80	0.10	2 513[b]	2 122[b]	391	38	14 858	
MANNVILLE G	1 368	0.69	0.04	906	895	11	37	408	1 922
MANNVILLE H	1 553	0.85	0.04	1 267	1 263	4	38	150	3 158
MANNVILLE J	662	0.71	0.04	451	451	< 1	38	-	267
MANNVILLE V	1 948	0.90	0.04	1 683	1 491	192	39	7 526	1 319
MANNVILLE Y ASSOC		0.85	0.10				39		269
MANNVILLE Y SOLN	442	0.65	0.30	201[b]			39		
MANNVILLE Y ASSOC		0.85	0.10				39		221
MANNVILLE Y ASSOC		0.85	0.10				39		134
MANNVILLE Y ASSOC		0.85	0.10				39		31
MANNVILLE Z ASSOC		0.85	0.10				39		96
MANNVILLE Y & Z TOTAL	1 214	0.80	0.15	791[b]	712[b]	79	39	3 059	
MANNVILLE L		0.75	0.10				39		398
MANNVILLE CC		0.75	0.10				39		474
MANNVILLE L & CC TOTAL	609	0.75	0.05	434	319	115	38	4 393	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
15.31	0.072	0.85	34 460	101	0.940	0.75	3 475.2	1987	1996	CHEL GULF TOP/BASE TVD
3.45	0.154	0.55	3 140	16	0.938	0.56	375.3	1910	1987	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
1.93	0.170	0.55	4 310	17	0.916	0.56	493.9	1904	1987	PART OF MED HAT POOL NO.1
0.73	0.139	0.60	4 450	19	0.916	0.56	480.6	1973	1988	PART OF MED HAT POOL NO.3
0.80	0.139	0.60	4 450	19	0.916	0.56	512.4	1973	1988	PART OF MED HAT POOL NO.4
0.84	0.216	0.60	5 690	27	0.904	0.57	639.4	1944	1982	PART OF 2WS POOL NO.1
								1904	1990	DUKE SCEPTRE CNWE QUEBEC TARRAGN IOL RENENER TCPL PANALTA PROGAS CDNFRST CANST NORCEN POCO ENGAGE CRESTAR
1.80	0.155	0.45	7 550	29	0.870	0.59	781.1	1967	1994	PRODUCTION DECLINE
2.88	0.201	0.55	6 940	28	0.863	0.62	800.4	1965	1997	PRODUCTION DECLINE
								1965	1994	CRESTAR POCO TCPL
4.14	0.250	0.60	8 810	27	0.821	0.62	874.6	1950	1995	PRODUCTION DECLINE CONCURRENT PRODUCTION
						0.62		1950	1995	PRODUCTION DECLINE CONCURRENT PRODUCTION
1.93	0.236	0.60	8 810	27	0.821	0.62	917.7	1950	1995	PRODUCTION DECLINE
1.86	0.238	0.55	8 810	27	0.821	0.62	917.8	1950	1995	PRODUCTION DECLINE
								1950	1995	IOL TCPL CDNFRST POCO CRESTAR RENENER CONCURRENT PRODUCTION
2.45	0.233	0.50	7 600	35	0.850	0.65	915.4	1951	1993	CRESTAR IOL TCPL PRODUCTION DECLINE
2.69	0.214	0.40	8 680	27	0.822	0.64	900.7	1950	1995	PRODUCTION DECLINE NONCOMMERCIAL OIL
3.08	0.212	0.50	9 760	33	0.813	0.66	1 012.9	1951	1995	PRODUCTION DECLINE
6.17	0.233	0.60	8 720	33	0.828	0.66	973.1	1953	1995	PRODUCTION DECLINE
								1950	1995	IOL TCPL CRESTAR
6.57	0.242	0.70	9 760	31	0.833	0.60	1 006.9	1951	1993	CONCURRENT PRODUCTION
						0.60		1951	1993	CONCURRENT PRODUCTION
3.67	0.230	0.60	9 760	31	0.833	0.60	1 010.3	1951	1997	
1.91	0.228	0.60	9 760	31	0.833	0.60	1 019.4	1951	1995	
1.62	0.226	0.60	9 760	31	0.833	0.60	1 022.0	1951	1992	
0.50	0.180	0.50	9 760	31	0.833	0.60	1 023.4	1951	1992	ASSIGNED WELL 01-27-025-12W4M
0.75	0.200	0.50	9 760	31	0.833	0.60	1 025.6	1951	1992	
1.03	0.207	0.65	9 760	31	0.833	0.60	1 028.6	1951	1992	
1.27	0.248	0.75	9 760	39	0.850	0.60	1 035.9	1951	1995	
2.30	0.220	0.50	9 760	31	0.833	0.60	999.4	1951	1992	ASSIGNED WELL 15-17-025-12W4M
0.91	0.230	0.65	9 760	31	0.833	0.60	1 012.1	1951	1992	ASSIGNED WELL 16-14-025-12W4M
0.60	0.220	0.65	9 760	31	0.833	0.60	1 026.9	1951	1992	ASSIGNED WELL 06-34-025-12W4M
2.50	0.160	0.50	9 760	31	0.833	0.60	1 019.9	1951	1991	ASSIGNED WELL 16-03-025-12W4M
1.00	0.230	0.50	9 760	31	0.833	0.60	1 014.4	1951	1994	
1.31	0.241	0.65	9 760	31	0.833	0.60	1 020.3	1951	1996	
0.55	0.264	0.55	9 760	31	0.833	0.60	1 024.1	1951	1995	
0.96	0.246	0.55	9 760	31	0.833	0.60	1 017.6	1951	1995	
0.90	0.220	0.55	8 070	39	0.853	0.66	1 030.5	1951	1995	ASSIGNED WELL 00/4-10-26-12W4M
								1951	1997	IOL TCPL CWNGNUL LOMALTA CRESTAR CONCURRENT PRODUCTION
5.02	0.219	0.50	9 530	34	0.845	0.61	1 039.4	1950	1995	CRESTAR TCPL PRODUCTION DECLINE SLUSH OIL
3.18	0.263	0.60	9 940	30	0.825	0.62	934.6	1958	1996	PRODUCTION DECLINE
4.88	0.233	0.55	10 580	36	0.811	0.66	1 036.0	1958	1992	
3.35	0.220	0.60	9 650	41	0.826	0.65	1 123.1	1959	1997	CRESTAR TARRAGN TCPL CANST MATERIAL BALANCE
2.11	0.212	0.65	9 710	38	0.822	0.65	998.7	1951	1996	PRODUCTION DECLINE SOLN MU-MANNVILLE Y&Z. CONC PROD
						0.65		1951	1996	PRODUCTION DECLINE SOLN MU-MANNVILLE Y&Z. CONC PROD
2.28	0.206	0.60	8 290	32	0.830	0.65	1 000.9	1951	1996	PRODUCTION DECLINE
6.69	0.182	0.65	9 710	37	0.819	0.65	990.4	1951	1996	PRODUCTION DECLINE
0.83	0.180	0.50	9 710	38	0.822	0.65	1 011.5	1951	1996	PRODUCTION DECLINE
0.69	0.233	0.65	9 710	37	0.819	0.64	991.3	1951	1996	PRODUCTION DECLINE
								1951	1996	IOL TCPL CRESTAR CDNFRST CONCURRENT PRODUCTION
2.97	0.235	0.50	9 670	33	0.811	0.65	1 107.7	1962	1985	MATERIAL BALANCE
1.79	0.217	0.60	9 280	33	0.817	0.65	1 095.2	1962	1980	MATERIAL BALANCE
								1962	1980	SCEPTRE TCPL CRESTAR

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	AREA ha
CESSFORD 025-13W4 (CONTINUED)									
MANNVILLE C3C	590	0.85	0.05	477	96	381	38	14 459	300
MANNVILLE O3O	520	0.85	0.05	420	61	359	37	13 161	150
MANNVILLE HH ASSOC	851	0.80	0.10	613[b]			38		1 903
MANNVILLE HH SOLN	13	0.65	0.35	5[b]			38		
MANNVILLE O3O	458	0.85	0.10	350[b]			39		2 305
MANN HH & O3O TOTAL	1 322	0.80	0.10	968[b]	434[b]	534	38	20 415	
BANFF B ASSOC	444	0.85	0.10	339[b]			39		1 615
BANFF B SOLN	313	0.65	0.12	179[b]			39		
BANFF B ASSOC	1	0.70	0.10	1[b]			39		26
BANFF B ASSOC	6	0.70	0.10	4[b]			39		72
BANFF B TOTAL	764	0.75	0.10	523[b]	267[b]	256	39	10 035	
OTHER	16 628			11 100	5 562	5 538		209 890	
TOTAL-CESSFORD	72 225			53 293	38 165	15 128		563 690	
CHAIN 033-17W4									
TOTAL-CHAIN	2 534			1 656	828	828		31 313	
CHAMBERLAIN 052-23W4									
TOTAL-CHAMBERLAIN	3			2		2		75	
CHAMBERS 041-11W5									
TOTAL-CHAMBERS	680			474		474		18 522	
CHANDLER 059-02W4									
TOTAL-CHANDLER	944			588	369	219		8 000	
CHARD 079-06W4									
WABISKAW B		0.90	0.05				37		3 558
WABISKAW D		0.90	0.05				38		1 441
WABISKAW E		0.90	0.05				37		485
MCMURRAY B		0.90	0.05				37		26 733
MCMURRAY E		0.90	0.05				37		2 790
MCMURRAY F		0.90	0.05				37		237
MCMURRAY G		0.90	0.05				37		279
MCMURRAY H		0.90	0.05				37		200
MCMURRAY I		0.90	0.05				38		469
MCMURRAY J		0.90	0.05				38		518
MCMURRAY P		0.90	0.05				36		200
MCMURRAY CC		0.90	0.05				37		200
MCMURRAY EE		0.90	0.05				37		200
WBSK & MCMURRAY MU#1 TOTAL	6 800	0.90	0.05	5 814	4 746	1 068	37	39 922	
OTHER	1 715			980	710	270		10 059	
TOTAL-CHARD	8 515			6 794	5 456	1 338		49 981	
CHARLIE 089-05W6									
GETHING C	783	0.80	0.05	595			37		3 869
GETHING E	83	0.70	0.05	55			37		300
GETHING C & E TOTAL	866	0.80	0.05	650	139	511	37	18 866	
OTHER	192			125	46	79		2 918	
TOTAL-CHARLIE	1 058			775	185	590		21 784	
CHARLOTTE LAKE 060-04W4									
COLONY G	1 187	0.75	0.05	846	737	109	37	4 067	2 754
COLONY A		0.75	0.05				37		3 688
GRAND RAPIDS A		0.75	0.05				37		463
GRAND RAPIDS J		0.75	0.05				37		626
CLNY A & GRD RP A & J TOTAL	1 146	0.75	0.05	817	739	78	38	2 975	
OTHER	1 312			770	621	149		5 476	
TOTAL-CHARLOTTE LAKE	3 645			2 433	2 097	336		12 518	
CHARM 103-09W6									
TOTAL-CHARM	377			269		269		9 851	
CHARRON 069-16W4									
GRAND RAPIDS A	742	0.60	0.05	423	328	95	37	3 553	3 223
GRAND RAPIDS B	585	0.65	0.05	361	310	51	38	1 919	1 391
GROSMONT A	925	0.60	0.05	527	520	7	37	258	5 142
OTHER	1 437			835	196	639		23 743	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
13.75	0.208	0.65	9 540	34	0.835	0.62	963.2	1986	1996	PROGAS
17.00	0.270	0.75	9 190	30	0.857	0.58	925.6	1990	1996	CANST
4.70	0.157	0.55	9 830	38	0.816	0.68	1 232.3	1972	1992	SOLN MU-MANN HH & 030, GPP
						0.68		1972	1992	SOLN MU-MANN HH & 030, GPP
1.89	0.169	0.60	9 670	44	0.836	0.65	1 198.7	1972	1996	
								1972	1996	CRESTAR TCPL NORCEN GPP
2.53	0.151	0.60	10 900	44	0.815	0.66	1 192.8	1972	1996	CONCURRENT PRODUCTION
						0.66		1972	1996	CONCURRENT PRODUCTION
0.73	0.140	0.50	9 590	47	0.836	0.66	1 269.7	1972	1996	ASSIGNED WELL 02/6-5-27-17W4M
0.94	0.151	0.50	10 900	48	0.824	0.66	1 287.3	1972	1996	
								1972	1996	TCPL NORCEN CRESTAR ENGAGE CONCURRENT PRODUCTION
0.72	0.248	0.50	1 790	15	0.964	0.56	208.9	1979	1996	MATERIAL BALANCE
0.69	0.266	0.50	1 740	15	0.965	0.55	254.3	1978	1996	MATERIAL BALANCE
0.59	0.271	0.50	1 550	13	0.968	0.56	266.3	1986	1996	MATERIAL BALANCE
4.64	0.282	0.75	1 730	13	0.964	0.57	250.9	1957	1996	MATERIAL BALANCE
1.66	0.280	0.65	1 730	11	0.963	0.56	219.3	1979	1996	MATERIAL BALANCE
1.09	0.263	0.55	1 420	11	0.970	0.56	211.7	1984	1996	MATERIAL BALANCE
1.19	0.271	0.60	1 570	11	0.967	0.56	215.7	1985	1996	MATERIAL BALANCE
1.60	0.300	0.45	1 640	11	0.965	0.56	209.2	1985	1996	MATERIAL BALANCE
1.05	0.287	0.65	1 750	8	0.961	0.55	310.4	1985	1996	MATERIAL BALANCE
1.16	0.290	0.60	1 680	16	0.966	0.55	261.0	1986	1996	MATERIAL BALANCE
4.80	0.260	0.70	1 600	12	0.967	0.58	252.7	1985	1996	MATERIAL BALANCE
2.50	0.300	0.60	1 490	6	0.966	0.56	248.7	1987	1996	MATERIAL BALANCE
2.20	0.250	0.60	1 800	9	0.961	0.56	346.0	1980	1996	MATERIAL BALANCE
								1957	1996	DUKE CANST CDNFRST CANOXY IOL CGGS PANALTA TCPL NRTHSTR RIOALTO QUEBEC PARAMNT
2.11	0.201	0.65	7 170	39	0.890	0.60	1 084.6	1979	1995	
3.10	0.203	0.60	7 180	40	0.893	0.58	1 049.9	1986	1996	
								1979	1996	CWNGNUL PROGAS
2.84	0.292	0.75	2 410	16	0.950	0.56	330.4	1972	1996	DUKE AMOCO RENENER NORCEN PRODUCTION DECLINE
2.43	0.296	0.75	2 480	17	0.950	0.57	359.1	1964	1996	PRODUCTION DECLINE
0.67	0.324	0.60	2 470	16	0.949	0.56	365.7	1983	1995	PRODUCTION DECLINE
1.40	0.320	0.75	2 580	16	0.948	0.56	366.4	1978	1995	PRODUCTION DECLINE
								1964	1995	DUKE AMOCO DIRECT PANALTA SHELL
2.83	0.309	0.70	2 160	14	0.955	0.55	302.4	1974	1993	PROGAS PRODUCTION DECLINE
1.81	0.335	0.70	2 230	13	0.953	0.56	284.6	1978	1997	CWNGNUL SUNCOR PRODUCTION DECLINE
7.57	0.135	0.50	2 620	20	0.949	0.57	464.0	1974	1997	PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10⁶m³	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10⁶m³	5 NET CUMULATIVE PRODUCTION 10⁶m³	6 REMAINING ESTABLISHED RESERVES 10⁶m³	7 GROSS HEAT VALUE MJ/m³	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
CHARRON 069-16W4 (CONTINUED)									
TOTAL-CHARRON	3 689			2 146	1 354	792		29 473	
CHAUVIN 043-01W4									
TOTAL-CHAUVIN	552			222	7	215		7 603	
CHAUVIN SOUTH 042-02W4									
SPARKY A ASSOC	2	0.65	0.05	1[b]			33		33
SPARKY A SOLN	804	0.44	0.37	223[b]			33		
SPARKY A ASSOC	77	0.60	0.05	44[b]			33		617
SPARKY A ASSOC	1	0.65	0.10	1[b]			36		16
SPARKY A ASSOC	6	0.65	0.10	4[b]			36		78
SPARKY A ASSOC	1	0.65	0.10	1[b]			36		17
SPARKY A ASSOC	1	0.65	0.10	1[b]			36		16
SPARKY A ASSOC	6	0.60	0.05	4[b]			33		50
SPARKY A ASSOC	1	0.75	0.10	1[b]			36		16
GENERAL PETROLEUM D ASSOC	26	0.65	0.10	15[b]			36		142
GENERAL PETROLEUM D ASSOC	4	0.65	0.10	3[b]			36		38
GENERAL PETROLEUM D ASSOC	3	0.65	0.05	2[b]			33		39
GENERAL PETROLEUM D ASSOC	5	0.60	0.10	3[b]			36		16
GENERAL PETROLEUM D ASSOC	2	0.65	0.10	1[b]			36		17
GENERAL PETROLEUM D ASSOC	1	0.65	0.10	1[b]			36		8
GENERAL PETROLEUM D ASSOC	1	0.65	0.10	1[b]			36		18
GENERAL PETROLEUM D	2	0.60	0.05	1[b]			34		16
GENERAL PETROLEUM D ASSOC	1	0.60	0.10	1[b]			38		5
GENERAL PETROLEUM E ASSOC	4	0.65	0.05	3[b]			34		34
REX B ASSOC	39	0.70	0.05	26[b]			36		200
MANNVILLE MU #1 TOTAL	987	0.50	0.30	337[b]	137[b]	200	34	6 774	
OTHER	1 934			1 309	699	610		20 907	
TOTAL-CHAUVIN SOUTH	2 921			1 646	836	810		27 681	
CHEDDERVILLE 037-07W5									
LEDUC A	2 214	0.85	0.15	1 600	1 529	71	39	2 762	1 581
LEDUC B	1 105	0.80	0.15	751	260	491	39	19 257	200
LEDUC D	1 922	0.85	0.15	1 389	135	1 254	39	48 994	200
COOKING LAKE A	1 034	0.85	0.15	747	56	691	39	27 184	200
OTHER	245			97	81	16		640	
TOTAL-CHEDDERVILLE	6 520			4 584	2 061	2 523		98 837	
CHERHILL 056-05W5									
BANFF A SOLN	832	0.29	0.65	84[b]			40		
BANFF A ASSOC	348	0.85	0.10	266[b]	239[b]	111	40	4 417	448
BANFF H ASSOC	225	0.70	0.10	142[b]			39		286
BANFF H SOLN	544	0.65	0.15	301[b]			39		
BANFF H ASSOC	2	0.70	0.10	1[b]			39		5
BANFF H ASSOC	203	0.70	0.10	128[b]			39		321
BANFF H ASSOC	84	0.70	0.10	53[b]			40		176
BANFF H TOTAL	1 058	0.65	0.10	625[b]	360[b]	265	39	10 436	
BANFF W	825	0.80	0.10	594	439	155	34	5 258	533
OTHER	2 847			1 557	761	796		30 957	
TOTAL-CHERHILL	5 910			3 126	1 799	1 327		51 068	
CHERPETA 074-19W4									
NISKU A	2 936	0.70	0.05	1 952	452	1 500	36	54 735	4 728
OTHER	1 431			783	304	479		17 088	
TOTAL-CHERPETA	4 367			2 735	756	1 979		71 823	
CHICKADEE 062-16W5									
GETHING D SOLN	14	0.65	0.10	8[b]			39		
GETHING D ASSOC	3 462	0.65	0.10	2 025[b]	735[b]	1 298	39	51 076	8 274
GETHING C	1 127	0.65	0.10	660	117	543	39	21 356	2 300
SW HL 062-16	629	0.85	0.20	428		428	40	17 167	590
OTHER	261			189	26	163		6 116	
TOTAL-CHICKADEE	5 493			3 310	878	2 432		95 715	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
0.64	0.290	0.75	4 550	26	0.924	0.63	625.8	1952	1997	.OLN MU-MANN MU#1,GPP
						0.63		1952	1997	.OLN MU-MANN MU#1,GPP
1.37	0.298	0.65	4 550	26	0.924	0.63	662.9	1952	1997	
1.00	0.290	0.40	4 550	26	0.888	0.72	643.4	1952	1992	
1.46	0.290	0.40	4 550	25	0.887	0.72	628.3	1952	1992	
1.00	0.290	0.40	4 550	25	0.887	0.72	610.0	1952	1992	
0.75	0.290	0.40	4 550	25	0.887	0.72	613.4	1952	1992	
1.42	0.290	0.65	4 370	26	0.927	0.63	632.9	1952	1997	
0.71	0.290	0.40	4 550	25	0.887	0.72	609.6	1952	1992	
1.58	0.303	0.75	4 590	21	0.880	0.72	668.3	1952	1996	
1.30	0.300	0.60	4 590	21	0.880	0.72	631.0	1952	1992	
0.79	0.300	0.70	4 610	25	0.922	0.62	627.0	1952	1992	
3.50	0.280	0.70	4 310	26	0.894	0.72	640.2	1952	1995	ASSIGNED WELL 07-10-043-02W4M
1.20	0.300	0.60	4 590	21	0.880	0.72	637.0	1952	1992	
0.90	0.300	0.60	4 590	21	0.880	0.72	618.1	1952	1992	
0.90	0.300	0.60	4 590	21	0.880	0.72	640.9	1952	1992	
1.50	0.310	0.55	4 260	25	0.928	0.61	634.6	1996	1996	
1.60	0.290	0.85	4 440	26	0.900	0.66	653.7	1953	1997	TP/BS TVD, AS WELL 03/10-34-42-2W4
0.94	0.318	0.80	4 600	22	0.910	0.66	623.5	1977	1992	GPP
2.00	0.280	0.70	4 750	25	0.903	0.63	636.1	1969	1993	
								1952	1997	RIFE CHAUVCO TCPL TALISMA AMOCO NORCEN PINCL GPP
11.14	0.082	0.80	28 690	109	0.947	0.72	3 543.2	1967	1997	CHEL TALISMA PANALTA AMOCO PRODUCTION DECLINE
47.00	0.060	0.90	28 000	109	0.958	0.67	3 631.7	1987	1996	GULF TOP/BASE TVD
50.80	0.090	0.90	29 690	104	0.959	0.69	3 672.7	1995	1996	TOP/BASE TVD
36.50	0.080	0.85	27 930	120	0.970	0.66	3 662.7	1996	1997	TOP/BASE TVD
						0.71		1966	1996	CWNGNUL PANALTA TCPL TALISMA CONCURRENT PRODUCTION
5.06	0.181	0.70	10 910	48	0.797	0.71	1 299.8	1966	1996	CWNGNUL PANALTA TCPL TALISMA CONCURRENT PRODUCTION
5.26	0.184	0.70	10 810	48	0.823	0.66	1 357.9	1973	1990	CONCURRENT PRODUCTION
						0.66		1973	1990	CONCURRENT PRODUCTION
2.40	0.270	0.55	9 850	48	0.833	0.67	1 372.2	1973	1988	ASSIGNED WELL 12-25-56-6W5
3.62	0.211	0.70	11 050	50	0.824	0.67	1 344.5	1973	1995	
2.80	0.198	0.75	10 810	50	0.826	0.65	1 329.5	1973	1994	
								1973	1996	CHAUVCO CONCURRENT PRODUCTION
3.98	0.207	0.70	10 410	48	0.860	0.70	1 272.1	1981	1997	CHAUVCO AMOCO NRTHSTR AEC SHELL TALISMA PRODUCTION DECLINE
22.71	0.178	0.65	2 370	25	0.957	0.58	610.3	1975	1996	SHELL PROGAS METGAZ PINCL
						0.68		1976	1997	TALISMA PROGAS CONCURRENT PROD, OIL DEPLETED
4.03	0.145	0.55	13 410	72	0.849	0.68	1 859.2	1976	1997	TALISMA PROGAS CONCURRENT PROD, OIL DEPLETED
4.53	0.132	0.60	14 130	74	0.848	0.68	1 926.9	1979	1997	CHEL PROGAS
6.36	0.088	0.80	27 870	91	0.915	0.73	2 978.4	1976	1996	PROGAS

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS	2	3	4 MARKETABLE GAS	5	6	7	8	9
	INITIAL VOLUME IN PLACE 10⁶m³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10⁶m³	NET CUMULATIVE PRODUCTION 10⁶m³	REMAINING ESTABLISHED RESERVES 10⁶m³	GROSS HEAT VALUE MJ/m³	REMAINING ENERGY CONTENT TJ	AREA ha
CHICKEN 062-07W6									
TOTAL-CHICKEN	966			633	239	394		15 668	
CHIGWELL 041-24W4									
MANNVILLE A	868	0.80	0.10	625	581	44	39	1 737	711
MANNVILLE J	1 733	0.80	0.10	1 247	462	785	39	30 678	1 241
MANNVILLE E ASSOC		0.70	0.10				40		64
MANNVILLE E SOLN	954	0.65	0.35	403[b]			40		
MANNVILLE E ASSOC		0.70	0.10				40		73
MANNVILLE E ASSOC		0.70	0.10				40		93
MANNVILLE E ASSOC	1	0.70	0.10	1[b]			39		16
MANN E & U MANN A TOTAL	997	0.65	0.35	430[b]	214[b]	216	40	8 649	
OTHER	4 319			2 573	927	1 646		64 448	
TOTAL-CHIGWELL	7 917			4 875	2 184	2 691		105 512	
CHIGWELL NORTH 042-24W4									
TOTAL-CHIGWELL NORTH	268			141	42	99		3 986	
CHIME 061-05W6									
TOTAL-CHIME	222			151	12	139		5 588	
CHIN COULEE 007-14W4									
TOTAL-CHIN COULEE	129			58	12	46		1 569	
CHINCHAGA 097-06W6									
BLSKY-GETH-MONTNEY A	3 433	0.50	0.05	1 631	513	1 118	38	42 741	10 000
SLAVE POINT A	1 389	0.80	0.10	1 000	876	124	38	4 748	1 338
OTHER	612			382	30	352		13 495	
TOTAL-CHINCHAGA	5 434			3 013	1 419	1 594		60 984	
CHINCHAGA NORTH 098-07W6									
DEBOLT-DETRITAL A	5 623	0.75	0.05	4 006	2 775	1 231	37	45 522	3 088
SLAVE POINT A ASSOC	960	0.80	0.05	730[b]		730	37	27 098	716
TOTAL-CHINCHAGA NORTH	6 583			4 736	2 775	1 961		72 620	
CHINOOK 029-08W4									
BELLY RIVER A	367	0.95	0.05	332	302	30	37	1 109	4 334
OTHER	1 023			619	298	321		12 039	
TOTAL-CHINOOK	1 390			951	600	351		13 148	
CHIP LAKE 053-10W5									
ROCK CREEK C	656	0.80	0.10	473	428	45	40	1 806	428
OTHER	150			78	15	63		2 676	
TOTAL-CHIP LAKE	806			551	443	108		4 482	
CHIPMUNK (SA) 082-12W5									
TOTAL-CHIPMUNK	587			388		388		14 432	
CHISHOLM 068-01W5									
TOTAL-CHISHOLM	1 256			781	455	326		12 114	
CINDY 077-26W5									
TOTAL-CINDY	428			272	144	128		4 835	
CLAIR 073-05W6									
TOTAL-CLAIR	496			327	42	285		11 091	
CLARESHOLM 013-26W4									
GLAUCONITIC A	566	0.70	0.05	376	325	51	39	1 964	292
OTHER	1 408			894	239	655		24 735	
TOTAL-CLARESHOLM	1 974			1 270	564	706		26 699	
CLAY 060-13W4									
COLONY U	891	0.75	0.05	635	599	36	37	1 345	2 162
OTHER	2 056			1 177	610	567		21 031	
TOTAL-CLAY	2 947			1 812	1 209	603		22 376	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
6.49	0.173	0.65	11 430	57	0.819	0.70	1 571.8	1952	1997	PRODUCTION DECLINE
8.72	0.159	0.80	11 930	56	0.819	0.69	1 573.7	1977	1996	IOL PANALTA CANST
1.34	0.141	0.80	11 490	48	0.797	0.69	1 543.3	1964	1995	MATERIAL BALANCE SOLN MU-MANN E&UMN A,CONING,GPP
						0.69		1964	1995	MATERIAL BALANCE SOLN MU-MANN E&UMN A,CONING,GPP
0.84	0.150	0.80	1 490	48	0.969	0.69	1 555.8	1964	1988	MATERIAL BALANCE
0.97	0.130	0.80	11 490	48	0.797	0.69	1 586.2	1964	1988	MATERIAL BALANCE
0.50	0.160	0.90	9 740	57	0.840	0.71	1 573.7	1964	1964	ASSIGNED WELL 6-24-41-25W4/0
								1964	1995	GARDNER PROGAS CHAUVCO TCPL PANALTA SUNCOR TALISMA CONING GAS CAP, GPP
4.59	0.188	0.65	6 030	40	0.895	0.62	791.4	1983	1997	AEC
7.21	0.082	0.65	20 600	93	0.844	0.84	2 147.5	1973	1996	AMOCO PANALTA MATERIAL BALANCE
6.30	0.211	0.65	5 690	36	0.907	0.59	696.1	1978	1995	PANALTA PROGAS AEC CHEVRON MATERIAL BALANCE
7.74	0.094	0.90	23 190	77	0.920	0.59	2 201.4	1995	1996	CONCURRENT PRODUCTION
2.76	0.338	0.65	1 670	18	0.968	0.56	243.5	1972	1997	CRESTAR PROGAS CWNGNUL IOL MATERIAL BALANCE
4.61	0.140	0.80	14 380	67	0.809	0.73	1 856.9	1950	1995	PRODUCTION DECLINE SLUSH OIL
1.27	0.110	0.75	13 520	53	0.844	0.62	2 037.7	1980	1996	CANST PROGAS PRODUCTION DECLINE
4.65	0.286	0.70	3 610	24	0.932	0.57	519.5	1976	1995	PANALTA TALISMA PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m^3	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
CLAYHURST 083-05W6									
TOTAL-CLAYHURST	83			59		59		2 224	
CLEAR HILLS 088-10W6									
LEDUC B	854	0.85	0.10	653	46	607	37	22 429	400
OTHER	385			261	87	174		6 629	
TOTAL-CLEAR HILLS	1 239			914	133	781		29 058	
CLEAR PRAIRIE 091-12W6									
BLUESKY A	743	0.65	0.05	459	79	380	38	14 250	1 758
OTHER	378			244	50	194		7 518	
TOTAL-CLEAR PRAIRIE	1 121			703	129	574		21 768	
CLEARWATER 035-12W5									
RUNDLE A	11 373	0.80	0.10	8 188	1 604	6 584	38	252 694	2 052
TOTAL-CLEARWATER	11 373			8 188	1 604	6 584		252 694	
CLIVE 040-24W4									
D-2 A ASSOC	148	0.75	0.15	94[b]			35		318
D-2 A SOLN	1 057	0.53	0.40	336[b]			35		
D-2 A ASSOC	97	0.85	0.25	62[b]			44		333
D-2 A ASSOC	964	0.85	0.35	532[b]			43		1 402
D-2 A TOTAL	2 266	0.70	0.35	1 024[b]	655[b]	369	39	14 465	
D-3 A ASSOC	153	0.85	0.30	91			42		383
D-3 A SOLN	2 538	0.65	0.35	1 073			42		
D-3 A POOL 2 ASSOC	314	0.85	0.30	187			42		535
D-3 A POOL 3 ASSOC	437	0.85	0.30	260			40		463
D-3 A POOL 4 ASSOC	111	0.85	0.30	66			42		300
D-3 A ASSOC	9	0.85	0.30	6			42		22
D-3 A TOTAL	3 562	0.70	0.35	1 683	949	734	42	30 674	
OTHER	2 170			1 390	432	958		37 189	
TOTAL-CLIVE	7 998			4 097	2 036	2 061		82 328	
CLOVER 061-17W5									
TOTAL-CLOVER	199			135	45	90		3 500	
CLYDEN 075-13W4									
TOTAL-CLYDEN	1 396			718	303	415		15 448	
COALDALE 008-20W4									
TOTAL-COALDALE	589			318	292	26		906	
COLD LAKE 063-02W4									
COLONY A	377	0.95	0.05	340	308	32	37	1 178	598
COLONY D	424	0.85	0.05	342	323	19	37	707	403
OTHER	1 302			780	606	174		6 465	
TOTAL-COLD LAKE	2 103			1 462	1 237	225		8 350	
COLEMAN 009-04W5									
RUNDLE A	10 461	0.75	0.35	5 100			37		1 998
PALLISER B	3 428	0.80	0.25	2 057			37		657
RUNDLE A & PALLISER B TOTAL	13 889	0.75	0.30	7 157	3 668	3 489	37	129 233	
OTHER	2			1	1	< 1		-	
TOTAL-COLEMAN	13 891			7 158	3 669	3 489		129 233	
COLINTON 064-20W4									
TOTAL-COLINTON	663			432	263	169		6 360	
COLORADO 090-04W6									
TOTAL-COLORADO	376			268	62	206		7 620	
COLT 058-24W5									
TOTAL-COLT	208			126	3	123		4 776	
COLUMBIA 046-16W5									
NISKU B	891	0.70	0.40	374	313	61	37	2 262	128
OTHER	1 085			404	150	254		9 972	
TOTAL-COLUMBIA	1 976			778	463	315		12 234	
COMPEER 033-01W4									
UPPER MANNVILLE A	443	0.85	0.05	358	241	117	37	4 342	914
OTHER	963			645	396	249		9 312	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
14.15	0.082	0.85	24 180	80	0.900	0.69	2 379.9	1996	1997	
3.86	0.193	0.75	7 650	51	0.888	0.63	1 038.0	1975	1997	
36.00	0.064	0.90	35 250	94	1.022	0.63	4 189.0	1980	1996	SHELL MOBIL
5.42	0.060	0.85	17 100	68	0.850	0.76	1 883.8	1951	1996	CONING GAS CAP. CONC PROD. GPP
						0.76		1951	1996	CONING GAS CAP. CONC PROD. GPP
2.75	0.064	0.80	17 090	66	0.690	0.90	1 830.2	1951	1996	
6.35	0.061	0.85	17 070	67	0.684	0.89	1 850.2	1951	1996	
								1951	1996	ULSTER TCPL NORCEN POCO TALISMA CONING GAS CAP. CONC PROD. GPP
3.60	0.069	0.80	17 570	68	0.731	0.83	1 878.8	1952	1997	
						0.83		1952	1997	
6.36	0.054	0.85	17 600	68	0.731	0.83	1 912.6	1952	1996	
8.10	0.068	0.85	17 570	68	0.727	0.90	1 880.6	1952	1996	
3.52	0.062	0.85	17 550	68	0.731	0.83	1 874.8	1952	1996	
2.74	0.090	0.85	17 600	68	0.731	0.84	1 900.6	1952	1996	
								1952	1997	ULSTER TCPL POCO RIFE TALISMA
2.22	0.308	0.65	2 300	13	0.952	0.57	269.0	1952	1996	DUKE MATERIAL BALANCE
2.47	0.323	0.65	2 300	18	0.954	0.57	275.3	1952	1996	DUKE PRODUCTION DECLINE
28.86	0.068	0.85	30 950	93	0.884	0.76	3 044.3	1969	1989	MATERIAL BALANCE
32.66	0.041	0.80	28 990	72	0.882	0.71	3 586.8	1969	1984	MATERIAL BALANCE
								1969	1989	TCPL PROGAS CANST TARRAGN
17.00	0.100	0.85	59 740	126	1.180	0.82	4 213.5	1980	1995	HUSKY PANALTA AMOCO PRODUCTION DECLINE
3.39	0.272	0.70	6 890	26	0.873	0.59	864.4	1956	1990	SASKEN ENGAGE CRESTAR

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 RAW GAS POOL RECOVERY frac	3 RAW GAS SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 MARKETABLE GAS NET CUMULATIVE PRODUCTION 10^6m^3	6 MARKETABLE GAS REMAINING ESTABLISHED RESERVES 10^6m^3	7 MARKETABLE GAS GROSS HEAT VALUE MJ/m^3	8 MARKETABLE GAS REMAINING ENERGY CONTENT TJ	9 AREA ha
COMPEER 033-01W4 (CONTINUED)									
TOTAL-COMPEER	1 406			1 003	637	366		13 654	
COMREY 001-07W4									
BOW ISLAND	805	0.75	0.05	574	571	3	37	110	2 447
OTHER	439			295	181	114		4 106	
TOTAL-COMREY	1 244			869	752	117		4 216	
CONNEMARA 016-27W4									
TOTAL-CONNEMARA	398			284	3	281		10 526	
CONNORSVILLE 025-15W4									
MILK RIVER A	1 018	0.50	0.05	484			36		17 117
MEDICINE HAT A	2 827	0.50	0.03	1 372			36		25 598
BELLY RIVER A	15	0.60	0.05	9			37		250
SE ALTA GAS SYS(MU) TOTAL	3 860	0.50	0.05	1 865	186	1 679	36	61 233	
VIKING A	527	0.60	0.05	300	146	154	38	5 803	1 443
GLAUCONITIC A	312	0.85	0.10	239			39		440
GLAUCONITIC B	32	0.75	0.05	23			38		128
GLAUCONITIC C	186	0.75	0.10	126			39		1 035
GLAUCONITIC E	152	0.75	0.10	103			39		150
GLAUCONITIC I	66	0.75	0.10	45			39		300
ELLERSLIE A	3 981	0.80	0.10	2 867			39		10 345
GLAUC ABCEI & ELERS A TOTAL	4 729	0.80	0.10	3 403	1 906	1 497	39	58 652	
OTHER	1 129			769	364	405		15 393	
TOTAL-CONNORSVILLE	10 245			6 337	2 602	3 735		141 081	
COOKING LAKE 052-22W4									
TOTAL-COOKING LAKE	94			57	22	35		1 287	
CORAL 046-05W5									
TOTAL-CORAL	122			80		80		3 155	
CORBETT 061-07W5									
VIKING A	514	0.90	0.10	417	417	< 1	39	-	1 588
OTHER	278			184	27	157		6 100	
TOTAL-CORBETT	792			601	444	157		6 100	
CORDEL 042-16W5									
TURNER VALLEY A	2 647	0.50	0.10	1 191			39		600
TURNER VALLEY B	4 663	0.50	0.15	1 982			38		1 200
TURNER VALLEY A & B TOTAL	7 310	0.50	0.15	3 173	259	2 914	39	112 626	
OTHER	126			86		86		3 313	
TOTAL-CORDEL	7 436			3 259	259	3 000		115 939	
CORNER 081-09W4									
MCMURRAY C	680	0.60	0.05	388	252	136	37	5 086	1 431
OTHER	1 721			880	326	554		20 706	
TOTAL-CORNER	2 401			1 268	578	690		25 792	
CORRIN 061-13W4									
TOTAL-CORRIN	1 718			1 113	696	417		15 413	
COUNTESS 020-16W4									
MILK RIVER A	11 277	0.60	0.05	6 428			36		91 927
MEDICINE HAT A	12 519	0.60	0.03	7 286			36		113 802
MEDICINE HAT C	310	0.50	0.03	150			36		8 729
MEDICINE HAT D	124	0.50	0.03	60			36		4 304
SECOND WHITE SPECKS A	705	0.60	0.05	402			36		5 363
SECOND WHITE SPECKS B	538	0.60	0.05	307			37		3 932
SE ALTA GAS SYS (MU) TOTAL	25 473	0.60	0.05	14 633	3 515	11 118	36	405 473	
BOW ISLAND A	3 421	0.65	0.05	2 113			37		16 464
BOW ISLAND A	92	0.75	0.05	66			36		400
BOW ISLAND A TOTAL	3 513	0.65	0.05	2 179	1 380	799	37	29 811	
BOW ISLAND N	784	0.75	0.05	559	397	162	37	5 970	1 999
BASAL COLORADO A		0.91	0.05				36		25 583
BASAL COLORADO A		0.91	0.05				37		10 568
BASAL COLORADO A		0.91	0.05				36		2 163

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
5.86	0.250	0.50	5 340	27	0.902	0.59	755.6	1952	1992	CRESTAR CMG PRODUCTION DECLINE
2.50	0.128	0.50	3 140	16	0.938	0.57	477.8	1910	1994	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
2.56	0.170	0.55	4 310	17	0.916	0.57	586.7	1904	1994	PART OF MED HAT POOL NO.1
2.44	0.250	0.40	2 450	20	0.954	0.56	346.3	1978	1996	
								1904	1994	POCO TARRAGN TCPL CWNGNUL PANALTA IOL CANST NORCEN PANCDN CRESTAR TALISMA ENGAGE
2.21	0.205	0.60	8 150	30	0.855	0.60	927.9	1956	1980	TCPL MATERIAL BALANCE
6.17	0.175	0.60	9 260	29	0.796	0.66	1 064.8	1963	1982	PART OF ELRSL POOL NO.1
2.70	0.200	0.45	9 570	40	0.847	0.61	1 102.5	1964	1996	PART OF ELRSL POOL NO.1
1.47	0.226	0.60	8 220	35	0.843	0.64	1 082.4	1956	1995	PART OF ELRSL POOL NO.1
9.10	0.190	0.55	9 690	42	0.821	0.66	1 069.9	1976	1988	PART OF ELRSL POOL NO.1
2.45	0.133	0.65	9 220	36	0.818	0.66	1 118.1	1987	1996	PART OF ELRSL POOL NO.1
3.78	0.173	0.55	9 410	35	0.812	0.66	1 115.6	1963	1995	PART OF ELRSL POOL NO.1
								1956	1996	TCPL PANALTA PANCDN CRESTAR ENGAGE PART OF ELRSL POOL NO.1
2.00	0.200	0.55	8 270	44	0.857	0.64	1 025.6	1971	1990	
20.32	0.078	0.85	29 840	106	0.978	0.65	3 750.7	1979	1997	TOP/BASE TVD
23.83	0.067	0.85	31 000	114	0.993	0.65	3 546.6	1979	1997	TOP/BASE TVD
								1979	1997	
6.15	0.278	0.70	2 080	14	0.957	0.56	426.6	1991	1997	TARRAGN PARAMNT PRODUCTION DECLINE
8.07	0.152	0.55	3 140	16	0.938	0.56	426.9	1910	1994	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
2.55	0.170	0.55	4 310	17	0.916	0.56	543.3	1904	1994	PART OF MED HAT POOL NO.1
0.90	0.139	0.60	4 450	19	0.916	0.56	532.5	1973	1992	PART OF MED HAT POOL NO.3
0.73	0.139	0.60	4 450	19	0.916	0.56	563.4	1973	1988	PART OF MED HAT POOL NO.4
1.70	0.216	0.60	5 690	27	0.904	0.56	719.2	1944	1994	PART OF 2WS POOL NO.1
1.24	0.210	0.60	7 870	23	0.864	0.57	731.6	1990	1994	
								1904	1994	POCO TCPL PANALTA PROGAS PANCDN CANST NORCEN CRESTAR
3.47	0.157	0.50	7 310	36	0.882	0.59	905.9	1951	1997	
1.85	0.240	0.65	7 560	32	0.882	0.59	925.4	1951	1996	
								1951	1997	TCPL
1.85	0.217	0.65	7 730	37	0.885	0.58	1 182.4	1977	1997	PANCDN TCPL PROGAS PRODUCTION DECLINE
1.11	0.154	0.60	8 390	33	0.865	0.61	1 047.4	1951	1993	PRODUCTION DECLINE
0.56	0.180	0.55	8 390	33	0.863	0.59	1 010.6	1951	1993	PRODUCTION DECLINE
0.72	0.205	0.65	8 390	33	0.865	0.61	1 111.8	1951	1993	PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	ha
COUNTESS 020-16W4 (CONTINUED)									
BASAL COLORADO A		0.91	0.05				36		2 412
BASAL COLORADO A TOTAL	5 495	0.90	0.05	4 750	4 563	187	37	6 908	
UPPER MANNVILLE D ASSOC	535	0.75	0.10	361[b]			37		140
UPPER MANNVILLE D SOLN	667	0.58	0.25	290[b]			37		
UPPER MANNVILLE D ASSOC		0.75	0.10				37		15
UPPER MANNVILLE D ASSOC		0.75	0.10				37		261
UPPER MANNVILLE D ASSOC		0.75	0.10				37		12
UPPER MANNVILLE D ASSOC		0.75	0.10				37		7
UPPER MANNVILLE D ASSOC		0.75	0.10				37		8
UPPER MANNVILLE D TOTAL	1 202	0.65	0.15	651[b]	585[b]	66	37	2 460	
UPPER MANNVILLE S	506	0.80	0.10	365	350	15	39	582	665
UPPER MANNVILLE QQQ	976	0.80	0.10	703	242	461	39	17 813	300
UPPER MANNVILLE RRR	676	0.85	0.10	518	102	416	38	15 912	2 234
GLAUCONITIC III	2 400	0.80	0.10	1 728	1 187	541	39	20 893	9 566
LOWER MANNVILLE MM	555	0.85	0.10	425	5	420	39	16 195	150
OTHER	13 858			8 423	3 609	4 814		182 479	
TOTAL-COUNTESS	55 438			34 934	15 935	18 999		704 496	
COUTTS 001-16W4									
TOTAL-COUTTS	189			63	26	37		1 573	
COWLICK (SA) 058-06W6									
TOTAL-COWLICK	386			295		295		11 237	
COYOTE 028-15W4									
TOTAL-COYOTE	916			647	441	206		7 851	
CRAIGEND 064-13W4									
VIKING A	5 308	0.40	0.05	2 017	33	1 984	37	73 190	71 743
GRAND RAPIDS A	594	0.70	0.05	395	313	82	37	3 056	829
GRAND RAPIDS B	427	0.75	0.05	304	268	36	37	1 334	3 165
GRAND RAPIDS E	532	0.65	0.05	329	238	91	37	3 351	4 897
GRAND RAPIDS H	483	0.75	0.05	344	134	210	37	7 818	252
GRAND RAPIDS P	884	0.75	0.05	630	536	94	37	3 448	1 152
GRAND RAPIDS AA	348	0.75	0.05	248			37		1 963
GRAND RAPIDS WW	100	0.70	0.05	67			37		982
GRAND RAPIDS XX	26	0.70	0.05	17			37		400
GRAND RAPIDS W3W	18	0.65	0.05	11			37		200
GRAND RAPIDS X3X	12	0.70	0.05	8			37		200
GRAND RAPIDS MU#4 TOTAL	504	0.75	0.05	351	310	41	37	1 532	
GRAND RAPIDS GGG	24	0.70	0.05	16			38		200
GRAND RAPIDS HHH	2	0.70	0.05	1			37		150
GRAND RAPIDS III	24	0.70	0.05	16			38		367
GRAND RAPIDS JJJ	9	0.70	0.05	6			38		200
GRAND RAPIDS LLL	74	0.65	0.05	46			37		618
GRAND RAPIDS MMM	82	0.65	0.05	50			37		942
GRAND RAPIDS NNN	314	0.75	0.05	224			38		1 312
GRAND RAPIDS D2D	18	0.70	0.05	12			37		200
GRAND RAPIDS E2E	13	0.75	0.10	9			41		200
GRAND RAPIDS MU#2 TOTAL	560	0.70	0.05	380	189	191	38	7 164	
MCMURRAY C	1 578	0.60	0.05	900	764	136	37	5 048	13 539
GROSMONT A	6 400	0.45	0.05	2 736	2 509	227	37	8 351	36 668
OTHER	10 728			6 477	3 810	2 667		97 549	
TOTAL-CRAIGEND	27 998			14 863	9 104	5 759		211 841	
CRAIGMYLE 032-17W4									
BELLY RIVER A		0.80	0.05				37		9 206
BELLY RIVER P		0.80	0.05				37		250
BELLY RIVER A & P TOTAL	2 014	0.80	0.05	1 530	1 417	113			
ELLERSLIE H	676	0.90	0.10	547	497	50	39	1 972	919
OTHER	2 332			1 476	853	623		23 807	
TOTAL-CRAIGMYLE	5 022			3 553	2 767	786		25 779	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
1.61	0.164	0.70	8 390	33	0.865	0.61	1 180.2	1951	1993	PRODUCTION DECLINE
								1951	1997	TCPL PANCDN CRESTAR
4.56	0.238	0.75	11 000	35	0.821	0.64	1 051.8	1967	1997	PRODUCTION DECLINE CONCURRENT PRODUCTION
						0.64		1967	1997	PRODUCTION DECLINE CONCURRENT PRODUCTION
0.90	0.210	0.60	11 000	35	0.821	0.64	1 047.8	1967	1991	
1.59	0.247	0.80	11 000	35	0.821	0.64	1 047.9	1967	1991	PRODUCTION DECLINE
1.31	0.240	0.80	11 000	35	0.821	0.64	1 047.9	1967	1991	PRODUCTION DECLINE
0.71	0.160	0.75	11 000	35	0.821	0.64	1 072.2	1967	1991	PRODUCTION DECLINE
0.61	0.280	0.85	11 000	35	0.821	0.64	1 051.3	1967	1991	PRODUCTION DECLINE
								1967	1997	TCPL NORCEN PANCDN CONCURRENT PRODUCTION
3.69	0.240	0.75	10 420	49	0.840	0.64	1 279.2	1972	1991	TCPL PRODUCTION DECLINE
15.60	0.257	0.80	9 780	50	0.849	0.65	1 360.8	1993	1995	TCPL
2.62	0.175	0.60	9 850	35	0.827	0.63	1 133.4	1990	1997	TCPL PANCDN
3.88	0.175	0.55	8 810	45	0.848	0.66	1 214.2	1954	1994	TCPL PANCDN PRODUCTION DECLINE
16.00	0.240	0.75	11 360	40	0.804	0.66	1 079.5	1995	1997	TOP/BASE TVD. POTENTIAL OIL
1.98	0.234	0.45	3 350	15	0.932	0.57	337.6	1949	1991	PROGAS AMOCO TCPL CWNGNUL PANALTA IOL NORCEN CNRL AEC TALISMA PART OF VIK POOL NO.6
2.70	0.297	0.60	2 830	17	0.943	0.57	382.4	1966	1997	TCPL CWNGNUL PRODUCTION DECLINE
1.82	0.298	0.65	2 810	31	0.953	0.57	386.4	1962	1997	TCPL CWNGNUL NORCEN TALISMA PRODUCTION DECLINE
2.22	0.286	0.65	2 540	16	0.950	0.56	355.6	1967	1996	TCPL PANALTA
8.11	0.300	0.80	2 490	17	0.950	0.56	387.4	1969	1982	TCPL PANALTA MATERIAL BALANCE
6.17	0.269	0.80	2 570	18	0.950	0.56	371.2	1967	1990	TCPL MATERIAL BALANCE
2.54	0.310	0.70	3 140	22	0.941	0.56	431.0	1962	1997	
1.77	0.302	0.60	3 070	19	0.939	0.57	453.7	1981	1997	
1.20	0.285	0.60	3 070	19	0.939	0.57	446.6	1981	1997	
1.50	0.310	0.65	2 900	19	0.943	0.57	462.7	1996	1997	
1.00	0.320	0.60	2 930	19	0.942	0.57	468.5	1996	1997	
								1962	1997	TCPL CWNGNUL TALISMA
2.00	0.290	0.60	3 300	19	0.932	0.57	574.7	1987	1989	
0.50	0.210	0.35	3 300	21	0.938	0.56	569.3	1987	1989	
1.26	0.308	0.50	3 260	23	0.936	0.57	557.2	1986	1996	
0.90	0.280	0.50	3 340	20	0.934	0.57	578.2	1986	1989	
2.12	0.304	0.55	3 270	22	0.936	0.57	543.5	1986	1989	
1.78	0.310	0.50	3 060	21	0.941	0.57	508.4	1986	1994	
3.25	0.312	0.70	3 270	21	0.937	0.57	498.9	1986	1996	
1.50	0.330	0.55	3 270	25	0.941	0.57	513.3	1987	1989	
1.10	0.280	0.55	3 700	27	0.902	0.68	573.0	1987	1996	
								1986	1996	CNRL NORCEN
2.50	0.266	0.70	2 880	24	0.947	0.56	523.9	1953	1996	TCPL CWNGNUL PANALTA AEC TALISMA MATERIAL BALANCE SLUSH OIL
11.28	0.091	0.50	2 780	22	0.947	0.57	507.9	1961	1997	TCPL TALISMA CWNGNUL AEC PRODUCTION DECLINE
4.16	0.246	0.55	3 100	24	0.944	0.57	589.1	1951	1992	MATERIAL BALANCE
4.60	0.300	0.60	3 280	21	0.938	0.57	514.8	1991	1992	MATERIAL BALANCE
								1951	1992	NORCEN TCPL SUMMIT PROGAS POCO PANALTA CDNFRST NRTHSTR
3.10	0.216	0.60	9 450	49	0.836	0.66	1 265.2	1978	1996	SUMMIT QUEBEC PANALTA CDNFRST PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE $10^6 m^3$	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES $10^6 m^3$	NET CUMULATIVE PRODUCTION $10^6 m^3$	REMAINING ESTABLISHED RESERVES $10^6 m^3$	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	ha
CRANBERRY 096-04W6									
BLSK-DETR-DBLT NO.1	1 974	0.93	0.05	1 744	1 491	253	36	9 222	5 531
DEBOLT B	467	0.75	0.05	333	200	133	36	4 815	1 289
SLAVE POINT A	15 148	0.80	0.15	10 300	6 747	3 553	40	142 760	25 334
SLAVE POINT B	1 987	0.79	0.15	1 335	1 305	30	40	1 199	1 955
GILWOOD B	636	0.85	0.10	487	15	472	38	18 096	797
OTHER	788			529	139	390		14 674	
TOTAL-CRANBERRY	21 000			14 728	9 897	4 831		190 766	
CRANFORD 008-19W4									
TOTAL-CRANFORD	108			71	71				
CROOKED 069-23W4									
TOTAL-CROOKED	414			265	96	169		6 252	
CROSSFIELD 029-01W5									
BASAL QUARTZ A	1 543	0.92	0.19	1 150	1 059	91	40	3 618	3 993
BASAL QUARTZ C	1 916	0.70	0.15	1 140	932	208	40	8 222	912
BASAL QUARTZ G	476	0.90	0.15	364	311	53	41	2 175	150
BASAL QUARTZ K	456	0.90	0.15	349	184	165	41	6 684	748
BASAL QUARTZ M	2 026	0.80	0.25	1 216	426	790	39	30 731	1 691
BASAL QUARTZ N	922	0.85	0.15	666	481	185	40	7 332	732
BASAL QUARTZ O	1 043	0.85	0.15	754	458	296	40	11 751	1 106
ROCK CREEK A	115	0.65	0.10	68			39		200
RUNDLE A	31 235	0.92	0.13	25 000			40		12 366
ROCK CK A & RUNDLE A TOTAL	31 350	0.90	0.15	25 068	23 570	1 498	40	60 040	
RUNDLE B ASSOC	31 096	0.92	0.21	22 600	21 165	1 435	40	57 386	8 584
RUNDLE F	2 103	0.85	0.15	1 520	1 393	127	40	5 113	1 385
RUNDLE H	455	0.95	0.15	367	360	7	40	280	200
RUNDLE I	706	0.85	0.15	510	471	39	40	1 564	431
RUNDLE K	531	0.90	0.15	406	132	274	40	11 070	300
RUNDLE O	635	0.85	0.15	459	11	448	40	18 063	200
WABAMUN A	37 760	0.80	0.52	14 500	12 412	2 088	36	76 128	31 147
OTHER	4 916			1 459	676	783		31 043	
TOTAL-CROSSFIELD	117 934			72 528	64 041	8 487		331 200	
CROSSFIELD EAST 030-01W5									
ELKTON A SOLN	207	0.65	0.20	108[b]			41		
ELKTON A ASSOC	1 756	0.90	0.12	1 390[b]	898[b]	600	41	24 522	964
ELKTON G SOLN	462	0.65	0.15	255[b]			40		
ELKTON G ASSOC	775	0.80	0.15	527[b]	246[b]	536	40	21 520	283
ELKTON D ASSOC	1 675	0.95	0.12	1 400[b]			42		1 004
ELKTON D SOLN	516	0.65	0.25	251[b]			42		
ELKTON D TOTAL	2 191	0.90	0.15	1 651[b]	586[b]	1 065	42	44 687	
ELKTON H	891	0.85	0.15	643	115	528	40	21 199	200
WABAMUN A	35 338	0.80	0.55	12 722	11 733	989	36	35 802	28 515
OTHER	1 959			1 268	373	895		35 500	
TOTAL-CROSSFIELD EAST	43 579			18 564	13 951	4 613		183 230	
CRYSTAL 046-03W5									
VIKING A SOLN	1 343	0.32	0.15	366[b]			42		
VIKING A ASSOC	342	0.65	0.15	189[b]	395[b]	160	42	6 646	805
VIKING J	941	0.85	0.10	720	695	25	40	998	1 889
OTHER	326			188	122	66		2 459	
TOTAL-CRYSTAL	2 952			1 463	1 212	251		10 103	
CULP 079-24W5									
DEBOLT A	885	0.70	0.10	558			38		256
DEBOLT B	213	0.80	0.10	153			38		740
DEBOLT C	346	0.90	0.10	280			38		958
DEBOLT A, B & C TOTAL	1 444	0.75	0.10	991	59	932	38	35 313	
OTHER	1 500			984	90	894		30 580	
TOTAL-CULP	2 944			1 975	149	1 826		65 893	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
7.98	0.175	0.80	5 480	30	0.909	0.58	746.1	1973	1997	PANALTA PART OF BLSKY-DETR-DBLT NO.1 MATERIAL BALANCE
2.40	0.233	0.65	5 500	33	0.911	0.59	825.3	1980	1997	PRODUCTION DECLINE
5.88	0.068	0.70	21 270	77	0.809	0.83	2 219.4	1974	1997	AMOCO PANALTA PROGAS NORCEN SLUSH OIL
6.79	0.056	0.70	21 410	89	0.834	0.82	2 293.6	1980	1996	AMOCO PROGAS PANALTA PRODUCTION DECLINE SLUSH OIL
4.07	0.128	0.55	21 500	92	0.907	0.64	2 320.9	1975	1996	AMOCO PANALTA PROGAS
2.83	0.116	0.70	16 300	70	0.843	0.69	2 229.5	1957	1987	TCPL NORCEN PRODUCTION DECLINE
5.43	0.112	0.70	17 190	70	0.846	0.68	2 111.2	1966	1996	PANCDN TCPL PRODUCTION DECLINE
4.10	0.106	0.70	26 210	78	0.860	0.80	2 573.7	1965	1993	PRODUCTION DECLINE
1.10	0.132	0.80	27 540	85	0.880	0.81	2 627.1	1974	1996	AMOCO CANST GARDNER PRODUCTION DECLINE
9.60	0.110	0.65	16 840	70	0.800	0.76	2 105.2	1991	1996	PANCDN TCPL
7.52	0.121	0.60	16 350	69	0.838	0.70	2 133.7	1993	1997	TCPL PANCDN PRODUCTION DECLINE
8.73	0.114	0.55	17 010	69	0.821	0.74	2 085.0	1993	1995	TCPL PANCDN
3.60	0.140	0.80	14 850	75	0.851	0.66	2 523.0	1986	1996	
11.83	0.107	0.85	22 900	83	0.879	0.71	2 557.1	1956	1988	MATERIAL BALANCE PREVIOUS GAS CYCLING
								1956	1991	PROGAS TCPL GARDNER PREV GAS CYCLING, BLOWDOWN
20.72	0.061	0.85	21 110	71	0.844	0.73	2 261.9	1957	1988	TCPL NORCEN MATERIAL BALANCE
7.61	0.111	0.75	22 720	83	0.874	0.72	2 503.7	1970	1996	MATERIAL BALANCE
12.65	0.115	0.90	22 900	79	0.860	0.75	2 560.2	1961	1997	TCPL MATERIAL BALANCE
9.39	0.087	0.60	20 880	80	0.866	0.70	2 325.0	1972	1997	TCPL POCO PRODUCTION DECLINE
11.20	0.090	0.80	22 810	74	0.852	0.74	2 504.9	1951	1994	PROGAS
17.70	0.110	0.75	23 270	78	0.867	0.73	2 563.5	1993	1996	PROGAS
10.46	0.050	0.85	25 030	74	0.751	0.87	2 599.9	1954	1995	TCPL PANCDN PRODUCTION DECLINE
						0.75		1960	1994	AMOCO TCPL MATERIAL BALANCE CONCURRENT PRODUCTION
10.33	0.064	0.80	20 860	77	0.840	0.75	2 269.1	1960	1994	AMOCO TCPL MATERIAL BALANCE CONCURRENT PRODUCTION
						0.75		1995	1997	GPP
13.76	0.107	0.90	22 050	80	0.859	0.75	2 315.7	1995	1997	GPP
9.96	0.096	0.85	20 910	77	0.823	0.76	2 316.5	1960	1992	MATERIAL BALANCE CONCURRENT PRODUCTION
						0.76		1960	1992	MATERIAL BALANCE CONCURRENT PRODUCTION
								1960	1994	AMOCO TCPL CONCURRENT PRODUCTION
19.25	0.129	0.90	20 430	74	0.840	0.75	2 279.2	1996	1997	
10.33	0.057	0.85	24 870	85	0.726	0.97	2 663.1	1959	1997	PANCDN AMOCO TCPL PANALTA GARDNER PRODUCTION DECLINE
						0.76		1978	1996	ENGAGE TCPL PROGAS CDNFRST IOL PANCDN POCO CRESTAR PANALTA GPP
5.12	0.111	0.70	10 060	62	0.799	0.76	1 709.5	1978	1996	ENGAGE TCPL PROGAS CDNFRST IOL PANCDN POCO CRESTAR PANALTA GPP
5.32	0.137	0.75	10 160	70	0.859	0.67	1 600.5	1976	1995	PROGAS CDNFRST PANCDN ENGAGE CRESTAR PRODUCTION DECLINE
13.40	0.181	0.65	12 590	43	0.820	0.64	1 159.4	1976	1991	
1.87	0.188	0.65	11 680	42	0.837	0.64	1 128.0	1976	1991	
3.47	0.155	0.50	12 510	44	0.836	0.64	1 189.3	1976	1991	
								1976	1996	

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	ha
CUTBANK 065-09W6									
FALHER A	556	0.90	0.10	450	439	11	39	427	250
FALHER B	960	0.75	0.55	324	316	8	39	315	250
FALHER C	844	0.90	0.10	684	571	113	39	4 356	500
OTHER	590			420	1	419		16 078	
TOTAL-CUTBANK	2 950			1 878	1 327	551		21 176	
CYGNET 037-28W4									
PEKISKO A SOLN	637	0.65	0.20	331[b]			41		
PEKISKO A ASSOC	288	0.75	0.20	173[b]	328[b]	176	41	7 237	300
PEKISKO B	580	0.85	0.10	444	43	401	40	15 900	200
OTHER	2 100			1 270	504	766		30 500	
TOTAL-CYGNET	3 605			2 218	875	1 343		53 637	
CYN-PEM 051-11W5									
ELLERSLIE A	203	0.75	0.10	137			40		653
ELLERSLIE D	152	0.75	0.10	103			40		150
ELLERSLIE F	28	0.75	0.10	19			40		32
ELLERSLIE G	16	0.75	0.10	11			40		32
ELLERSLIE H	23	0.75	0.10	15			40		150
ROCK CREEK A	2 601	0.75	0.15	1 658			39		5 800
ROCK CREEK A	171	0.75	0.10	115			39		400
ROCK CREEK E	136	0.75	0.10	92			41		641
ROCK CREEK H	93	0.70	0.10	59			40		200
ROCK CREEK O	183	0.75	0.10	123			40		200
ROCK CREEK P	340	0.75	0.15	217			39		1 257
ROCK CREEK Q	56	0.75	0.10	38			40		428
ROCK CREEK R	27	0.75	0.10	18			40		200
ELRS & ROCK CK MU #2 TOTAL	4 029	0.75	0.15	2 605	1 954	651	40	25 721	
OTHER	2 893			1 365	357	1 008		38 825	
TOTAL-CYN-PEM	6 922			3 970	2 311	1 659		64 546	
CZAR 040-05W4									
TOTAL-CZAR	840			545	167	378		13 487	
DALEHURST 053-23W5									
TOTAL-DALEHURST	86			66		66		2 483	
DALEMEAD (SA) 022-27W4									
TOTAL-DALEMEAD	299			215		215		8 602	
DAPP 062-26W4									
TOTAL-DAPP	323			208	118	90		3 403	
DAVEY 034-27W4									
BELLY RIVER A	564	0.85	0.05	455	421	34	37	1 264	4 344
OTHER	1 316			742	260	482		18 503	
TOTAL-DAVEY	1 880			1 197	681	516		19 767	
DAWN (SA) 080-26W5									
TOTAL-DAWN	15			8		8		306	
DAWSON 080-16W5									
TOTAL-DAWSON	33			21		21		793	
DEADWOOD 091-23W5									
TOTAL-DEADWOOD	335			224	152	72		2 605	
DEANNE 038-11W5									
GLAUCONITIC A	957	0.90	0.10	775	333	442	41	18 038	450
OTHER	113			81	71	10		396	
TOTAL-DEANNE	1 070			856	404	452		18 434	
DECRENE 071-02W5									
UPPER MANNVILLE G		0.70	0.05				37		511
CLEARWATER A		0.80	0.05				37		4 278
CLEARWATER B		0.80	0.05				37		4 790

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
10.65	0.060	0.75	29 530	94	0.962	0.64	2 640.8	1990	1997	TCPL AMOCO PROGAS NORCEN TALISMA PRODUCTION DECLINE DEEP CUT SL
11.00	0.060	0.60	30 790	95	0.894	1.39	2 910.5	1992	1995	TCPL NORCEN CHEL PRODUCTION DECLINE DEEP CUT SL
5.35	0.077	0.80	26 270	93	0.942	0.63	2 611.7	1981	1997	TCPL PROGAS PANALTA NORCEN TALISMA PRODUCTION DECLINE DEEP CUT SL
						0.90		1985	1996	PROGAS CONCURRENT PRODUCTION
6.85	0.095	0.85	14 730	66	0.712	0.90	1 815.5	1985	1996	PROGAS CONCURRENT PRODUCTION
13.00	0.170	0.90	14 590	70	0.829	0.70	1 884.4	1994	1995	TOP/BASE TVD
2.32	0.117	0.80	15 020	82	0.841	0.73	2 248.7	1978	1995	SLUSH OIL
8.00	0.120	0.65	16 950	80	0.839	0.72	2 273.0	1983	1996	SLUSH OIL
7.20	0.109	0.60	17 640	65	0.804	0.72	2 214.0	1979	1996	SLUSH OIL
4.57	0.105	0.60	17 410	76	0.824	0.74	2 179.0	1977	1996	SLUSH OIL
1.52	0.090	0.60	18 220	68	0.830	0.69	2 261.8	1974	1996	SLUSH OIL
3.98	0.097	0.65	17 500	76	0.798	0.79	2 270.0	1973	1996	SLUSH OIL
3.70	0.097	0.70	17 500	76	0.838	0.71	2 239.1	1973	1994	SLUSH OIL
1.83	0.100	0.70	17 460	85	0.838	0.71	2 331.9	1976	1994	SLUSH OIL
3.96	0.110	0.65	16 890	79	0.834	0.72	2 213.1	1979	1994	SLUSH OIL
5.77	0.130	0.70	16 210	61	0.791	0.73	2 254.5	1980	1996	SLUSH OIL
3.15	0.100	0.55	17 020	78	0.884	0.64	2 266.9	1977	1996	SLUSH OIL
1.41	0.089	0.65	17 000	81	0.844	0.71	2 233.5	1977	1996	SLUSH OIL
1.70	0.090	0.60	15 140	79	0.824	0.76	2 346.5	1991	1996	SLUSH OIL
								1973	1996	SCEPTRE PANALTA PROGAS TCPL ENGAGE SLUSH OIL
3.76	0.183	0.60	4 090	43	0.932	0.61	1 124.2	1974	1997	PANALTA TCPL CWNGNUL PROGAS TALISMA PRODUCTION DECLINE
7.80	0.102	0.80	55 360	105	1.247	0.68	3 461.1	1983	1996	PROGAS CWNGNUL NORCEN TALISMA
1.37	0.340	0.60	3 140	18	0.938	0.56	416.7	1976	1995	PRODUCTION DECLINE
3.37	0.276	0.65	4 340	30	0.924	0.56	543.5	1976	1995	PRODUCTION DECLINE
1.95	0.278	0.60	4 280	23	0.919	0.57	550.9	1975	1995	PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS	2	3	4 MARKETABLE GAS	5	6	7	8	9
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	AREA ha
DECRENE 071-02W5 (CONTINUED)									
U MANN G, CLWT A & B TOTAL	1 353	0.80	0.05	1 028	1 012	16	37	598	
OTHER	801			501	219	282		10 505	
TOTAL-DECRENE	2 154			1 529	1 231	298		11 103	
DEEP 065-03W5									
ELLERSLIE A	742	0.65	0.05	458	201	257	38	9 640	1 983
OTHER	396			270	93	177		6 591	
TOTAL-DEEP	1 138			728	294	434		16 231	
DEER 024-07W4									
BELLY RIVER D	464	0.75	0.05	331	75	256	37	9 467	1 328
OTHER	1 007			643	109	534		19 638	
TOTAL-DEER	1 471			974	184	790		29 105	
DELIA 032-19W4									
BELLY RIVER A	2 400	0.65	0.05	1 482	1 323	159	37	5 854	7 359
OTHER	1 728			1 145	445	700		26 108	
TOTAL-DELIA	4 128			2 627	1 768	859		31 962	
DEMAY 048-19W4									
TOTAL-DEMAY	28			18	18				
DERWENT 054-07W4									
TOTAL-DERWENT	449			305	153	152		5 681	
DESMARAIS 080-25W4									
WABISKAW D	580	0.80	0.05	441	410	31	37	1 150	1 377
OTHER	416			242	104	138		5 116	
TOTAL-DESMARAIS	996			683	514	169		6 266	
DEVENISH 075-08W4									
TOTAL-DEVENISH	405			194	103	91		3 285	
DEVIL 071-15W5									
TOTAL-DEVIL	123			82	46	36		1 355	
DEWBERRY 053-04W4									
TOTAL-DEWBERRY	300			195	43	152		5 479	
DIMSDALE 071-07W6									
PADDY A	3 200	0.90	0.03	2 794	2 315	479	38	18 432	1 712
OTHER	851			554	13	541		21 782	
TOTAL-DIMSDALE	4 051			3 348	2 328	1 020		40 214	
DINA 045-01W4									
TOTAL-DINA	440			288	1	287		10 371	
DINANT 047-19W4									
TOTAL-DINANT	439			292	64	228		8 335	
DIVIDE 082-13W4									
TOTAL-DIVIDE	1 050			611	382	229		7 570	
DIXONVILLE 086-01W6									
SPIRIT RIVER B	373	0.85	0.05	301	115	186	36	6 663	1 229
BLUESKY A	700	0.70	0.05	466	413	53	37	1 951	905
BLUESKY B	123	0.70	0.05	82			37		1 917
GETHING A	838	0.75	0.05	598			37		2 624
BLUESKY B & GETHING A TOTAL	961	0.75	0.05	680	538	142	37	5 315	
OTHER	1 608			1 082	373	709		26 224	
TOTAL-DIXONVILLE	3 642			2 529	1 439	1 090		40 153	
DIZZY (SA) 121-20W5									
TOTAL-DIZZY	34			23		23		867	
DOBSON 029-09W4									
TOTAL-DOBSON	510			326	226	100		3 714	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
								1975	1995	AMOCO AEC CDNFRST CANOXY NORCEN PANALTA SHELL
3.89	0.203	0.75	6 220	38	0.900	0.59	884.2	1976	1997	NORCEN
6.17	0.335	0.55	2 930	15	0.941	0.56	350.5	1989	1997	
4.96	0.250	0.55	3 060	27	0.946	0.57	641.6	1976	1996	TCPL IOL HUSKY PANALTA POCO ENGAGE PRODUCTION DECLINE
2.68	0.297	0.85	2 780	16	0.943	0.57	400.0	1994	1996	PRODUCTION DECLINE NONCOMMERCIAL OIL
8.26	0.206	0.80	10 480	52	0.870	0.59	1 358.1	1980	1996	SHELL IOL PANCDN ENGAGE CRESTAR PRODUCTION DECLINE
3.16	0.313	0.55	5 170	18	0.905	0.58	425.8	1975	1994	TCPL PROGAS
1.67	0.250	0.55	8 230	30	0.867	0.58	784.5	1972	1989	PRODUCTION DECLINE
0.72	0.211	0.65	6 160	27	0.895	0.57	727.9	1952	1994	
3.72	0.209	0.65	6 020	29	0.897	0.56	743.4	1952	1994	
								1952	1994	CWNGNUL PANALTA PROGAS

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10⁶m³	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10⁶m³	5 NET CUMULATIVE PRODUCTION 10⁶m³	6 REMAINING ESTABLISHED RESERVES 10⁶m³	7 GROSS HEAT VALUE MJ/m³	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
DOE 082-12W6									
DOIG B	501	0.90	0.10	406	51	355	41	14 420	200
KISKATINAW A		0.95	0.05				38		387
KISKATINAW A		0.75	0.05				38		195
KISKATINAW A		0.65	0.05				38		579
KISKATINAW A TOTAL	445	0.85	0.05	359	346	13	38	497	
KISKATINAW B	1 045	0.85	0.05	844	659	185	38	7 082	607
OTHER	724			403	98	305		12 460	
TOTAL-DOE	2 715			2 012	1 154	858		34 459	
DOLCY 041-04W4									
TOTAL-DOLCY	309			195	19	176		6 154	
DONALDA 041-18W4									
VIKING A		0.74	0.05				37		2 540
VIKING C		0.74	0.05				37		5 908
VIKING D		0.74	0.05				36		525
VIKING A,C & D TOTAL	649	0.75	0.05	456	437	19	37	699	
LOWER MANNVILLE F	500	0.85	0.05	404	205	199	36	7 176	300
OTHER	3 480			2 284	795	1 489		55 473	
TOTAL-DONALDA	4 629			3 144	1 437	1 707		63 348	
DORENLEE 043-20W4									
TOTAL-DORENLEE	414			273	80	193		7 077	
DORIS 063-06W5									
LOWER MANNVILLE D	843	0.80	0.10	607	246	361	38	13 873	2 385
OTHER	126			83	16	67		2 510	
TOTAL-DORIS	969			690	262	428		16 383	
DOUCETTE 078-02W5									
WABISKAW A	678	0.75	0.05	484	308	176	37	6 595	2 895
OTHER	408			247	52	195		7 175	
TOTAL-DOUCETTE	1 086			731	360	371		13 770	
DOWLING LAKE 032-15W4									
TOTAL-DOWLING LAKE	196			132	70	62		2 264	
DRIFTWOOD 077-22W4									
TOTAL-DRIFTWOOD	300			185		185		6 846	
DROWNED 076-22W4									
TOTAL-DROWNED	582			338	241	97		3 613	
DRUMHELLER 029-19W4									
MANNVILLE F SOLN	20	0.65	0.10	12[b]			39		
MANNVILLE F ASSOC	412	0.90	0.10	334[b]	344[b]	2	39	79	1 267
MANNVILLE W	540	0.80	0.10	389	379	10	38	384	440
MANNVILLE CC	880	0.85	0.10	673	418	255	38	9 787	1 747
MANNVILLE G	639	0.85	0.10	489			39		1 607
MANNVILLE M	373	0.85	0.10	285			40		440
MANNVILLE G & M TOTAL	1 012	0.85	0.10	774	507	267	39	10 445	
UPPER MANNVILLE H	490	0.70	0.10	309	308	1	39	39	514
LOWER MANNVILLE E	461	0.90	0.10	374	348	26	40	1 030	276
OTHER	9 382			5 868	3 448	2 420		92 458	
TOTAL-DRUMHELLER	13 197			8 733	5 752	2 981		114 222	
DUHAMEL 045-21W4									
TOTAL-DUHAMEL	1 106			593	197	396		15 253	
DUNCAN 074-15W4									
MCMURRAY F	3 980	0.55	0.05	2 080	1 687	393	37	14 470	32 436
MCMURRAY G	492	0.65	0.05	304	288	16	37	596	2 133
MCMURRAY S	1 091	0.50	0.05	519	204	315	37	11 554	5 529
GROSMONT B	1 867	0.75	0.05	1 330	1 272	58	37	2 141	19 562
OTHER	3 260			1 682	583	1 099		40 698	
TOTAL-DUNCAN	10 690			5 915	4 034	1 881		69 459	
DUNVEGAN 081-04W6									
PEACE RIVER A	643	0.70	0.05	428	351	77	37	2 869	2 664

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
18.00	0.110	0.80	14 280	57	0.778	0.72	1 569.8	1995	1997	
7.12	0.126	0.70	20 730	77	0.890	0.62	2 377.4	1965	1994	PRODUCTION DECLINE
4.72	0.150	0.85	21 490	71	0.884	0.62	2 391.3	1965	1994	
2.49	0.070	0.60	21 100	80	0.896	0.62	2 445.3	1965	1994	PRODUCTION DECLINE
								1965	1994	TALISMA
4.24	0.122	0.85	20 980	82	0.899	0.62	2 488.8	1989	1993	DART TALISMA PRODUCTION DECLINE
1.31	0.182	0.55	6 280	42	0.908	0.58	997.4	1960	1986	PRODUCTION DECLINE
2.05	0.206	0.60	6 280	42	0.908	0.58	1 005.7	1957	1986	PRODUCTION DECLINE
0.91	0.160	0.55	6 280	39	0.910	0.58	1 037.5	1960	1986	PRODUCTION DECLINE
								1957	1991	TCPL
4.40	0.296	0.60	8 740	50	0.885	0.61	1 085.4	1986	1996	TCPL MATERIAL BALANCE
3.11	0.210	0.65	8 350	52	0.877	0.62	1 167.8	1991	1997	
3.22	0.311	0.80	2 890	24	0.946	0.57	572.2	1973	1997	PROGAS
						0.66		1950	1993	TCPL TALISMA PRODUCTION DECLINE CONCURRENT PRODUCTION
2.76	0.150	0.65	9 990	48	0.834	0.66	1 285.8	1950	1993	TCPL TALISMA PRODUCTION DECLINE CONCURRENT PRODUCTION
4.70	0.227	0.70	9 770	46	0.851	0.63	1 246.0	1973	1994	TCPL PRODUCTION DECLINE SLUSH OIL
3.84	0.198	0.65	9 910	52	0.851	0.65	1 311.2	1976	1996	TCPL SCEPTRE PANALTA ENGAGE
2.56	0.227	0.65	9 870	47	0.833	0.67	1 291.1	1964	1997	
2.47	0.170	0.65	9 680	49	0.833	0.67	1 340.2	1969	1990	PRODUCTION DECLINE
								1964	1997	CAN88 TCPL GARDNER
4.16	0.157	0.60	9 700	50	0.838	0.66	1 345.6	1986	1997	RENENER TCPL PRODUCTION DECLINE
5.99	0.170	0.60	9 570	49	0.828	0.68	1 330.4	1974	1997	TCPL PRODUCTION DECLINE NONCOMMERCIAL OIL
3.16	0.287	0.75	2 000	17	0.960	0.57	527.4	1971	1997	NORCEN PARAMNT CNRL PANALTA PRODUCTION DECLINE
2.52	0.305	0.75	2 000	16	0.959	0.56	487.2	1981	1992	PANALTA PRODUCTION DECLINE
4.05	0.301	0.80	2 020	22	0.962	0.58	511.2	1973	1997	
9.89	0.129	0.30	2 050	24	0.962	0.57	579.5	1972	1991	PARAMNT CNRL PANALTA MATERIAL BALANCE
3.64	0.265	0.70	2 240	19	0.957	0.56	452.6	1951	1993	PROGAS AMOCO PRODUCTION DECLINE DEEP CUT

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE $10^6 m^3$	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES $10^6 m^3$	NET CUMULATIVE PRODUCTION $10^6 m^3$	REMAINING ESTABLISHED RESERVES $10^6 m^3$	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	ha
DUNVEGAN 081-04W6 (CONTINUED)									
GETHING B	657	0.85	0.05	530	441	89	38	3 396	488
KISKATINAW C	432	0.85	0.05	349	348	1	38	38	400
DEBOLT H	2 554	0.70	0.10	1 609	122	1 487	39	57 354	1 335
DEBOLT A	4 598	0.80	0.10	3 310			39		11 058
DEBOLT B	20 847	0.80	0.10	15 010			39		14 170
DEBOLT C	12 834	0.80	0.10	9 240			39		11 179
DEBOLT D	177	0.75	0.10	120			39		200
DEBOLT D	38	0.80	0.10	27			39		200
DEBOLT D	232	0.80	0.10	167			39		200
DEBOLT D	184	0.80	0.10	132			39		200
DEBOLT D	134	0.80	0.10	96			39		200
ELKTON C	132	0.80	0.10	95			39		200
DEBOLT A,B,C & D TOTAL	39 176	0.80	0.10	28 197	19 975	8 222	39	317 616	
OTHER	7 429			5 157	1 277	3 880		146 565	
TOTAL-DUNVEGAN	50 891			36 270	22 514	13 756		527 838	
DUVERNAY 055-12W4									
COLONY B	1 680	0.60	0.05	958	303	655	37	24 510	4 920
COLONY J	406	0.80	0.05	309	69	240	37	8 995	935
OTHER	5 705			3 579	2 035	1 544		57 397	
TOTAL-DUVERNAY	7 791			4 846	2 407	2 439		90 902	
DYBERG 044-23W4									
TOTAL-DYBERG	235			152	50	102		3 757	
DYSON (SA) 018-05W5									
TOTAL-DYSON	256			173		173		6 415	
EAGLE BUTTE 007-05W4									
TOTAL-EAGLE BUTTE	118			79	54	25		915	
EAGLESHAM 077-25W5									
DEBOLT E		0.75	0.10				39		739
DEBOLT G		0.75	0.10				39		808
DEBOLT J		0.80	0.10				39		581
DEBOLT M		0.75	0.10				39		757
DEBOLT E,G,J & M TOTAL	1 581	0.85	0.10	1 224	674	550	39	21 241	
WAB 32-077-25	585	0.85	0.15	422		422	33	13 867	200
WAB 34-077-25	574	0.80	0.10	413		413	34	13 856	200
OTHER	2 574			1 693	715	978		36 485	
TOTAL-EAGLESHAM	5 314			3 752	1 389	2 363		85 449	
EAGLESHAM NORTH 078-25W5									
TOTAL-EAGLESHAM NORTH	399			261	77	184		6 618	
EARRING 083-08W6									
TOTAL-EARRING	883			608	80	528		20 103	
EASTMONT 012-27W4									
UPPER MANNVILLE A	1 730	0.75	0.10	1 168	919	249	39	9 713	4 260
OTHER	506			336	35	301		11 724	
TOTAL-EASTMONT	2 236			1 504	954	550		21 437	
EDBERG 044-19W4									
TOTAL-EDBERG	868			570	46	524		19 317	
EDGERTON 045-04W4									
COLONY E	385	0.85	0.05	311	224	87	35	3 068	1 580
OTHER	715			441	264	177		6 117	
TOTAL-EDGERTON	1 100			752	488	264		9 185	
EDMONTON (SA) 053-25W4									
TOTAL-EDMONTON	33			22		22		820	
EDRA (SA) 099-25W4									
TOTAL-EDRA	83			48		48		1 762	
EDSON 052-18W5									
CARDIUM K ASSOC	6	0.65	0.10	4[b]			42		64
CARDIUM K SOLN	2 365	0.65	0.10	1 383[b]			42		

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
										SL
2.97	0.240	0.80	9 030	41	0.864	0.60	913.9	1972	1994	MATERIAL BALANCE DEEP CUT SL
3.15	0.190	0.90	11 330	51	0.855	0.61	1 383.6	1995	1996	PRODUCTION DECLINE
10.30	0.161	0.75	14 570	52	0.829	0.63	1 503.9	1972	1994	PROGAS DEEP CUT SL
3.05	0.153	0.60	13 620	49	0.810	0.66	1 436.2	1963	1995	DEEP CUT SL
9.53	0.166	0.60	14 330	50	0.814	0.65	1 460.8	1963	1996	DEEP CUT SL
7.27	0.160	0.60	15 340	52	0.816	0.65	1 495.7	1952	1996	DEEP CUT SL
9.10	0.130	0.65	11 190	57	0.840	0.67	1 552.8	1972	1996	TP/BS TVD,DPCT SL,AS WELL 13-12-80-3W6
1.20	0.150	0.65	15 910	57	0.834	0.63	1 549.0	1972	1996	DEEP CUT SL
6.70	0.150	0.70	15 910	56	0.835	0.63	1 537.3	1972	1996	DEEP CUT SL. AS WELL 01-29-080-03W6M
6.60	0.130	0.70	14 700	56	0.830	0.64	1 534.5	1972	1996	DEEP CUT SL. AS WELL 06-22-080-03W6M
5.50	0.120	0.60	16 390	56	0.835	0.63	1 525.3	1972	1996	DEEP CUT SL. AS WELL 04-32-080-03W6M
4.00	0.120	0.85	15 670	59	0.828	0.66	1 613.9	1990	1996	
								1952	1996	PROGAS AMOCO AEL DEEP CUT SL
3.92	0.279	0.70	4 300	25	0.920	0.57	536.7	1972	1996	NORCEN AMOCO TCPL CWNGNUL DIRECT PANALTA
4.60	0.284	0.75	4 240	23	0.919	0.57	566.1	1977	1996	TCPL
3.10	0.225	0.75	15 650	48	0.807	0.65	1 393.0	1976	1997	PRODUCTION DECLINE
4.80	0.217	0.75	15 470	48	0.807	0.65	1 422.6	1952	1997	PRODUCTION DECLINE
6.94	0.090	0.70	16 760	53	0.807	0.68	1 574.0	1980	1997	PRODUCTION DECLINE
5.32	0.207	0.70	15 040	48	0.807	0.65	1 452.0	1952	1997	PRODUCTION DECLINE 5
								1952	1997	PANALTA
23.00	0.070	0.85	22 050	65	0.868	0.80	2 045.5	1988	1995	DIRECT BER NONCOMMERCIAL OIL
58.80	0.040	0.85	15 550	74	0.888	0.67	2 043.4	1988	1995	DIRECT BER
2.98	0.118	0.80	13 960	56	0.836	0.63	2 265.2	1980	1997	PROGAS CHEL CANST SCEPTRE ENGAGE NORCEN
2.67	0.310	0.70	4 040	25	0.928	0.60	609.3	1947	1996	TCPL SLUSH OIL
0.85	0.138	0.80	10 670	70	0.818	0.74	1 950.5	1962	1996	SOLN MU-CARDIUM & BLSK MU#1, GPP
						0.74		1962	1996	SOLN MU-CARDIUM & BLSK MU#1, GPP

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10⁶m³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10⁶m³	NET CUMULATIVE PRODUCTION 10⁶m³	REMAINING ESTABLISHED RESERVES 10⁶m³	GROSS HEAT VALUE MJ/m³	REMAINING ENERGY CONTENT TJ	ha
EDSON 052-18W5 (CONTINUED)									
CARDIUM P ASSOC	1	0.75	0.15	1[b]			41		200
CARDIUM&BLUESKY MU#1 TOTAL	2 372	0.65	0.10	1 388[b]	1 310[b]	78	42	3 280	
VIKING A	894	0.85	0.10	684	675	9	40	359	440
VIKING B	3 969	0.70	0.10	2 500	2 048	452	39	17 791	5 555
VIKING D	2 079	0.95	0.10	1 778	1 719	59	39	2 313	1 319
GETHING A	6 750	0.80	0.05	5 130	4 842	288	40	11 560	4 010
GETHING F	718	0.85	0.25	458	333	125	41	5 179	573
GETHING G	1 831	0.50	0.25	687	236	451	41	18 613	1 959
ELKTON A		0.85	0.10				39		45 516
SHUNDA A		0.75	0.10				39		440
SHUNDA B		0.75	0.15				39		440
ELK A, SHUN A & B TOTAL	56 470	0.85	0.10	43 200	41 557	1 643	39	63 354	
BLUERIDGE A	572	0.80	0.10	412	397	15	38	565	600
BLUERIDGE B	2 831	0.90	0.15	2 166	1 589	577	39	22 290	3 232
OTHER	4 753			2 693	564	2 129		85 574	
TOTAL-EDSON	83 239			61 096	55 270	5 826		230 878	
EDWAND 060-17W4									
COLONY F	52	0.65	0.05	32			37		598
GRAND RAPIDS S	84	0.70	0.05	56			38		883
GRAND RAPIDS EE	59	0.70	0.05	39			38		821
GRAND RAPIDS FF	217	0.70	0.05	144			38		1 606
GRAND RAPIDS HH	32	0.65	0.05	20			37		300
GRAND RAPIDS KK	20	0.80	0.05	15			37		100
GRAND RAPIDS LL	16	0.65	0.05	10			37		200
GRAND RAPIDS MM	60	0.80	0.05	46			37		200
CLEARWATER C	16	0.65	0.05	10			37		200
CLEARWATER D	16	0.65	0.05	10			37		200
GROSMONT C	50	0.60	0.05	29			37		300
GROSMONT D	8	0.55	0.05	4			37		200
GR RP,CLWT&GSMT MU#1 TOTAL	630	0.70	0.05	415	118	297	38	11 146	
GRAND RAPIDS H	571	0.70	0.05	380	320	60	37	2 237	1 039
GRAND RAPIDS A		0.51	0.05				38		1 102
GRAND RAPIDS C		0.50	0.05				37		1 795
GRAND RAPIDS D		0.50	0.05				38		200
GRAND RAPIDS F		0.50	0.05				38		254
GRAND RAPIDS A,C,D&F TOTAL	788	0.50	0.05	382	316	66	37	2 470	
NISKU A	583	0.60	0.05	333	115	218	37	8 101	1 207
NISKU D	1 240	0.60	0.05	707	641	66	37	2 447	1 895
OTHER	5 025			3 179	1 616	1 563		58 329	
TOTAL-EDWAND	8 837			5 396	3 126	2 270		84 730	
ELIZA 055-08W4									
TOTAL-ELIZA	813			516	242	274		10 214	
ELKWATER 008-03W4									
MR 19-008-03	1 002	0.50	0.05	476		476	36	17 126	200
SECOND WHITE SPECKS A	607	0.65	0.05	375	14	361	36	13 173	5 720
OTHER	1 243			889	12	877		31 812	
TOTAL-ELKWATER	2 852			1 740	26	1 714		62 111	
ELLERSLIE 051-24W4									
TOTAL-ELLERSLIE	40			24	24				
ELLS 096-16W4									
TOTAL-ELLS	1 232			586	419	167		6 117	
ELLSCOTT 064-21W4									
TOTAL-ELLSCOTT	833			560	289	271		10 173	
ELMWORTH 070-11W6									
DUNVEGAN D	425	0.85	0.15	307	90	217	40	8 608	1 168
FALHER A-13	469	0.75	0.10	317			39		994
GETHING C	65	0.75	0.05	47			38		150
GETHING D	69	0.75	0.05	49			38		150
FALH A-13, GETH C & D TOTAL	603	0.75	0.10	413	210	203	39	7 905	
FALHER A-22	562	0.90	0.15	430	94	336	40	13 299	500
FALHER A-27	779	0.75	0.15	496	493	3	40	119	500
FALHER B-12	1 018	0.85	0.15	735	683	52	39	2 044	1 471

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
0.13	0.038	0.85	15 910	68	0.795	0.73	1 940.7	1972	1995	GPP
								1962	1995	TCPL TALISMA GPP
3.66	0.130	0.60	33 630	97	0.992	0.69	2 802.9	1974	1994	TCPL PRODUCTION DECLINE DEEP CUT SL
2.55	0.126	0.80	22 150	87	0.891	0.66	2 504.1	1973	1995	CHAUVCO TCPL PANALTA TALISMA ULSTER MATERIAL BALANCE
3.77	0.163	0.75	21 540	87	0.894	0.63	2 453.3	1966	1997	CHAUVCO TCPL TALISMA PRODUCTION DECLINE
11.41	0.116	0.75	22 900	83	0.864	0.73	2 540.7	1963	1997	TCPL TALISMA MATERIAL BALANCE
0.83	0.129	0.85	31 100	94	0.946	0.73	2 990.4	1987	1995	TCPL PRODUCTION DECLINE NONCOMMERCIAL OIL, DEEP CUT SL
3.35	0.122	0.80	40 230	105	1.059	0.71	3 065.6	1989	1996	CONOCO TCPL DEEP CUT SL
6.30	0.100	0.85	26 600	89	0.936	0.66	2 844.9	1962	1997	PRODUCTION DECLINE
4.88	0.034	0.75	26 780	109	0.962	0.65	2 982.1	1964	1981	PRODUCTION DECLINE
4.88	0.040	0.80	26 810	103	0.955	0.65	3 027.7	1964	1981	PRODUCTION DECLINE
								1962	1981	TCPL TALISMA
5.35	0.085	0.90	28 100	123	0.991	0.61	3 601.9	1981	1994	HUSKY NORCEN MATERIAL BALANCE
3.70	0.067	0.75	30 320	104	0.966	0.68	3 023.6	1978	1997	HUSKY PROGAS TALISMA PRODUCTION DECLINE
1.55	0.304	0.55	3 260	22	0.939	0.56	521.4	1985	1986	
1.73	0.280	0.55	3 440	22	0.932	0.57	569.1	1977	1989	
1.43	0.308	0.50	3 130	20	0.937	0.57	517.3	1978	1997	
2.56	0.268	0.60	3 160	20	0.935	0.58	557.0	1985	1994	
1.80	0.336	0.55	3 160	21	0.939	0.57	519.0	1985	1990	
3.40	0.320	0.55	3 200	21	0.939	0.56	513.0	1989	1996	
1.52	0.296	0.55	3 130	20	0.938	0.57	510.5	1977	1997	
3.00	0.280	0.50	6 560	23	0.879	0.57	566.0	1985	1991	
1.22	0.270	0.65	3 790	30	0.932	0.58	639.5	1978	1979	
1.22	0.280	0.60	3 790	30	0.932	0.58	622.4	1978	1979	
4.80	0.123	0.60	4 620	32	0.923	0.57	663.2	1977	1989	
2.60	0.100	0.55	2 730	23	0.949	0.56	619.7	1986	1989	
								1977	1997	NORCEN CNRL IOL PANALTA
1.55	0.329	0.60	3 700	22	0.930	0.57	542.0	1973	1997	TCPL PRODUCTION DECLINE
1.04	0.292	0.60	3 710	23	0.929	0.57	528.8	1951	1997	PRODUCTION DECLINE
2.35	0.300	0.65	3 690	20	0.927	0.58	528.8	1951	1997	PRODUCTION DECLINE
2.40	0.290	0.70	3 710	22	0.927	0.58	539.4	1951	1997	PRODUCTION DECLINE
0.83	0.300	0.65	3 710	22	0.927	0.58	534.8	1951	1997	PRODUCTION DECLINE
								1951	1997	TCPL LOMALTA CNRL
3.83	0.160	0.75	3 440	23	0.936	0.56	649.4	1972	1983	TCPL LOMALTA CNRL PRODUCTION DECLINE
13.12	0.154	0.80	3 440	24	0.936	0.57	671.8	1972	1996	TCPL CNRL MATERIAL BALANCE
95.00	0.170	0.55	5 480	30	0.912	0.58	768.5	1989	1995	PROGAS
2.12	0.188	0.50	5 330	38	0.916	0.60	974.8	1970	1992	CRESTAR PROGAS
3.51	0.159	0.70	9 240	57	0.854	0.66	1 312.8	1987	1996	PANALTA TCPL DEEP CUT SL
2.98	0.097	0.65	16 120	66	0.854	0.62	1 829.4	1980	1997	PRODUCTION DECLINE DEEP CUT SL
2.40	0.140	0.80	17 500	78	0.881	0.63	2 244.8	1995	1997	DEEP CUT SL
3.80	0.120	0.60	18 240	78	0.882	0.63	2 263.1	1995	1995	
								1980	1997	DEEP CUT SL
8.05	0.116	0.75	15 690	61	0.832	0.64	1 689.9	1979	1996	PROGAS DEEP CUT SL
4.75	0.092	0.65	14 430	59	0.827	0.65	1 678.1	1983	1995	PANALTA TCPL ULSTER CRESTAR PRODUCTION DECLINE DEEP CUT SL
4.71	0.080	0.60	15 320	69	0.854	0.63	1 883.5	1979	1997	TCPL PRODUCTION DECLINE DEEP CUT SL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10⁶m³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10⁶m³	NET CUMULATIVE PRODUCTION 10⁶m³	REMAINING ESTABLISHED RESERVES 10⁶m³	GROSS HEAT VALUE MJ/m³	REMAINING ENERGY CONTENT TJ	ha
ELMWORTH 070-11W6 (CONTINUED)									
FALHER D-7	527	0.85	0.15	381	30	351	40	13 963	2 632
CADOTTE A	4 675	0.60	0.10	2 525			39		14 771
CADOTTE D	878	0.60	0.10	474			39		2 745
CADOTTE E	35	0.75	0.20	21			41		200
CADOTTE F	89	0.75	0.10	60			39		200
CADOTTE G	55	0.75	0.10	37			39		200
CADOTTE I	86	0.70	0.05	57			37		200
CADOTTE J	73	0.75	0.05	52			37		200
FALHER A-1	10 048	0.85	0.15	7 260			40		35 299
FALHER A-2	2 795	0.85	0.15	2 020			40		12 853
FALHER A-4	303	0.85	0.15	219			40		1 818
FALHER A-5	373	0.70	0.15	222			39		3 950
FALHER A-7	206	0.75	0.15	132			39		2 279
FALHER A-10	9 610	0.85	0.15	6 944			39		24 238
FALHER A-16	134	0.75	0.15	86			39		1 245
FALHER A-21	91	0.75	0.15	58			40		250
FALHER B-1	3 668	0.85	0.15	2 650			39		13 468
FALHER B-2	836	0.85	0.15	604			39		2 026
FALHER B-3	3 685	0.85	0.10	2 819			39		8 891
FALHER B-4	4 466	0.85	0.15	3 227			39		12 432
FALHER B-9	1 441	0.85	0.15	1 041			40		5 894
FALHER B-14	165	0.85	0.15	119			39		700
FALHER B-15	295	0.75	0.05	210			40		1 072
FALHER B-16	211	0.75	0.20	126			39		500
FALHER C-2	56	0.75	0.15	36			40		250
FALHER C-3	43	0.80	0.20	27			38		250
FALHER D-2	747	0.85	0.10	572			39		2 650
FALHER D-3	32	0.75	0.15	20			39		250
FALHER D-6	68	0.70	0.10	43			38		500
BLUESKY A	197	0.70	0.25	104			42		400
GETHING A	48	0.50	0.10	22			38		150
CADOMIN A	8 286	0.70	0.15	4 930			38		29 315
CADOTTE K	34	0.70	0.10	22			39		200
DUNVEGAN I	102	0.75	0.20	62			40		200
CADOTTE M	25	0.75	0.05	18			39		200
CADOTTE N	65	0.75	0.05	47			39		200
FALHER D-5	37	0.70	0.05	25			38		250
DUNVEGAN A	570	0.70	0.15	339			40		1 347
FT ST JOHN& BLHD MU#1 TOTAL	54 528	0.80	0.15	37 230	25 246	11 984	39	468 574	
CADOMIN E	103	0.80	0.10	74			40		150
NIKANASSIN C	354	0.90	0.10	287			40		200
CADM E & NIKA C TOTAL	457	0.90	0.10	361	9	352	40	13 960	
NIKANASSIN B	425	0.85	0.05	343	1	342	37	12 791	200
NIKA 34-069-13	447	0.85	0.05	361		361	38	13 787	200
HALFWAY A	900	0.70	0.25	473		473	36	16 976	2 086
HALFWAY B	494	0.85	0.20	336	278	58	41	2 387	1 110
OTHER	13 379			9 027	2 674	6 353		245 559	
TOTAL-ELMWORTH	74 544			50 893	29 808	21 085		819 972	
ELNORA 035-22W4									
UPPER MANNVILLE A	671	0.75	0.05	478			38		4 735
LOWER MANNVILLE A	324	0.90	0.10	263			40		3 327
U MANN A & L MANN A TOTAL	995	0.80	0.05	741	691	50	38	1 924	
LOWER MANNVILLE F	397	0.85	0.10	303	27	276	40	10 999	450
OTHER	2 542			1 518	654	864		33 016	
TOTAL-ELNORA	3 934			2 562	1 372	1 190		45 939	
EMPRESS 024-02W4									
TOTAL-EMPRESS	233			154	2	152		5 535	
ENCHANT 014-16W4									
BASAL COLORADO A	865	0.85	0.05	698	694	4	38	150	3 641
UPPER MANNVILLE A	767	0.75	0.10	518	494	24	37	889	2 598
UPPER MANNVILLE E	1 190	0.85	0.05	961	546	415	37	15 326	5 282

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
2.83	0.069	0.75	13 630	66	0.837	0.66	1 850.7	1978	1997	DEEP CUT SL
4.03	0.096	0.65	12 870	64	0.863	0.62	1 863.5	1970	1997	PART OF CDM POOL NO.1 DEEP CUT SL
4.07	0.097	0.65	12 700	64	0.860	0.63	1 803.3	1978	1996	PART OF CDM POOL NO.1 DEEP CUT SL
3.15	0.073	0.60	13 210	78	0.853	0.67	1 982.8	1979	1996	PART OF CDM POOL NO.1 DEEP CUT SL
8.50	0.060	0.60	15 270	70	0.867	0.62	1 934.9	1977	1996	PART OF CDM POOL NO.1 DEEP CUT SL
6.50	0.070	0.50	13 250	77	0.886	0.60	1 900.8	1980	1996	PART OF CDM POOL NO.1 DEEP CUT SL
5.50	0.090	0.75	12 910	76	0.907	0.56	2 106.0	1989	1996	PART OF CDM POOL NO.1 DEEP CUT SL
3.10	0.100	0.75	17 250	74	0.902	0.56	2 049.5	1992	1995	PART OF CDM POOL NO.1 TOP/BASE TVD. DEEP CUT SL
4.26	0.071	0.65	14 940	71	0.853	0.64	1 997.6	1970	1993	PART OF CDM POOL NO.1 DEEP CUT SL
2.97	0.070	0.70	15 400	71	0.852	0.65	2 117.7	1977	1991	PART OF CDM POOL NO.1 DEEP CUT SL
2.44	0.065	0.70	15 470	71	0.852	0.65	2 071.3	1978	1996	PART OF CDM POOL NO.1 DEEP CUT SL
1.81	0.060	0.60	14 800	69	0.849	0.64	1 998.5	1976	1996	PART OF CDM POOL NO.1 DEEP CUT SL
1.64	0.064	0.60	14 090	64	0.828	0.68	1 922.1	1978	1996	PART OF CDM POOL NO.1 DEEP CUT SL
5.13	0.077	0.70	15 030	72	0.864	0.63	2 065.7	1977	1996	PART OF CDM POOL NO.1 DEEP CUT SL. NONCOMMERCIAL OIL
2.65	0.056	0.50	15 560	76	0.871	0.63	2 248.6	1980	1996	PART OF CDM POOL NO.1 DEEP CUT SL
3.40	0.110	0.70	14 380	71	0.854	0.65	1 819.0	1980	1996	PART OF CDM POOL NO.1 DEEP CUT SL
3.85	0.078	0.65	14 130	67	0.847	0.65	1 918.0	1955	1995	PART OF CDM POOL NO.1 DEEP CUT SL
4.99	0.102	0.55	15 150	69	0.855	0.62	1 883.7	1977	1996	PART OF CDM POOL NO.1 DEEP CUT SL
6.12	0.080	0.65	13 550	69	0.865	0.62	1 851.9	1978	1996	PART OF CDM POOL NO.1 DEEP CUT SL
4.57	0.079	0.65	15 630	69	0.849	0.65	2 057.2	1976	1994	PART OF CDM POOL NO.1 DEEP CUT SL
4.19	0.066	0.65	14 950	77	0.869	0.63	2 127.0	1978	1997	PART OF CDM POOL NO.1 PRODUCTION DECLINE DEEP CUT SL
2.76	0.100	0.65	13 640	69	0.861	0.62	1 937.1	1955	1996	PART OF CDM POOL NO.1 DEEP CUT SL
4.48	0.073	0.60	15 310	82	0.876	0.63	2 264.3	1978	1997	PART OF CDM POOL NO.1 DEEP CUT SL
5.55	0.065	0.75	15 410	73	0.811	0.75	2 114.9	1980	1993	PART OF CDM POOL NO.1 DEEP CUT SL
3.09	0.080	0.60	15 600	71	0.852	0.63	2 034.0	1977	1988	PART OF CDM POOL NO.1 DEEP CUT SL
1.50	0.080	0.70	22 850	85	0.878	0.72	2 103.8	1978	1996	PART OF CDM POOL NO.1 DEEP CUT SL
2.97	0.096	0.65	15 340	66	0.846	0.63	1 959.3	1976	1996	PART OF CDM POOL NO.1 DEEP CUT SL
1.83	0.070	0.70	14 550	70	0.857	0.63	2 016.0	1978	1988	PART OF CDM POOL NO.1 DEEP CUT SL
3.05	0.055	0.60	15 170	85	0.897	0.61	2 316.0	1979	1992	PART OF CDM POOL NO.1 DEEP CUT SL
3.75	0.093	0.65	24 100	88	0.873	0.71	2 501.8	1978	1991	PART OF CDM POOL NO.1 DEEP CUT SL
3.00	0.090	0.60	25 160	103	0.957	0.60	2 605.4	1981	1991	PART OF CDM POOL NO.1 DEEP CUT SL
4.84	0.051	0.70	18 420	88	0.887	0.65	2 520.9	1977	1990	PART OF CDM POOL NO.1 DEEP CUT SL
2.10	0.090	0.75	12 910	78	0.881	0.63	2 056.9	1987	1995	PART OF CDM POOL NO.1 DEEP CUT SL
6.50	0.130	0.55	10 340	54	0.816	0.69	1 467.1	1978	1995	PART OF CDM POOL NO.1 DEEP CUT SL
1.20	0.100	0.75	14 100	66	0.858	0.63	1 825.1	1976	1991	PART OF CDM POOL NO.1
4.10	0.090	0.65	13 670	64	0.855	0.63	1 938.0	1986	1996	PART OF CDM POOL NO.1
3.00	0.060	0.70	13 450	84	0.902	0.60	2 392.0	1979	1994	PART OF CDM POOL NO.1 DEEP CUT SL
2.77	0.156	0.55	10 100	52	0.831	0.67	1 428.2	1977	1996	PART OF CDM POOL NO.1 PRODUCTION DECLINE DEEP CUT SL
								1955	1997	AMOCO CHEL HUSKY IOL NORCEN PANALTA PROGAS TCPL PART OF CDM POOL NO.1 DEEP CUT SL
4.40	0.130	0.65	18 750	72	0.838	0.69	2 012.0	1982	1996	DEEP CUT SL
10.00	0.120	0.80	18 750	72	0.838	0.69	2 029.5	1982	1996	DEEP CUT SL
								1982	1995	PROGAS
7.80	0.180	0.90	18 260	78	0.880	0.64	2 265.0	1981	1994	TCPL DEEP CUT SL
16.00	0.100	0.70	23 160	85	0.921	0.62	2 665.7	1978	1997	TCPL DEEP CUT SL
3.16	0.078	0.70	29 750	89	0.935	0.70	2 642.0	1978	1997	AMOCO TCPL PROGAS
2.78	0.111	0.70	24 130	101	0.891	0.73	2 317.5	1981	1996	PROGAS DEEP CUT SL
1.37	0.185	0.70	8 200	56	0.888	0.62	1 535.7	1969	1997	
1.78	0.161	0.65	9 000	62	0.854	0.69	1 537.2	1969	1993	PRODUCTION DECLINE
								1969	1997	TCPL PANCDN CANST TALISMA
6.18	0.159	0.75	11 850	65	0.832	0.69	1 609.0	1988	1996	RENENER PROGAS
1.57	0.206	0.65	8 770	30	0.830	0.65	874.2	1968	1994	AMOCO TARRAGN TCPL NORCEN PRODUCTION DECLINE
1.24	0.190	0.65	10 470	30	0.803	0.67	1 012.3	1953	1996	AMOCO TCPL DIRECT PANCDN PRODUCTION DECLINE
1.38	0.203	0.65	10 840	30	0.822	0.62	996.7	1966	1995	IOL TCPL PANALTA NORCEN CRESTAR

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					
	INITIAL VOLUME IN PLACE 10⁶m³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10⁶m³	NET CUMULATIVE PRODUCTION 10⁶m³	REMAINING ESTABLISHED RESERVES 10⁶m³	GROSS HEAT VALUE MJ/m³	REMAINING ENERGY CONTENT TJ	AREA ha
ENCHANT 014-16W4 (CONTINUED)									
UPPER MANNVILLE L	451	0.90	0.10	365		365	37	13 472	1 713
LIVINGSTONE G	450	0.90	0.10	365	25	340	36	12 335	200
OTHER	10 418			6 025	2 419	3 606		130 511	
TOTAL-ENCHANT	14 141			8 932	4 178	4 754		172 683	
ENDIANG 035-16W4									
UPPER MANNVILLE C	676	0.65	0.10	395	367	28	39	1 081	1 976
OTHER	557			353	178	175		6 483	
TOTAL-ENDIANG	1 233			748	545	203		7 564	
ENTICE 028-24W4									
BELLY RIVER P	562	0.60	0.05	320	302	18	37	658	1 247
BELLY RIVER B		0.90	0.05				37		3 359
BELLY RIVER K		0.90	0.05				36		7 401
BELLY RIVER L		0.50	0.05				37		785
BELLY RIVER R		0.50	0.05				37		250
BELLY RIVER T		0.50	0.05				37		750
BELLY RIVER GG		0.50	0.05				36		250
BELLY RIVER MU#1 TOTAL	1 798	0.85	0.05	1 435	1 301	134	37	4 895	
OTHER	1 372			745	404	341		12 491	
TOTAL-ENTICE	3 732			2 500	2 007	493		18 044	
ENTWISTLE 054-06W5									
TOTAL-ENTWISTLE	82			51		51		1 980	
ERSKINE 039-20W4									
BLAIRMORE		0.80	0.10				39		433
BLAIRMORE		0.80	0.10				40		851
BLAIRMORE TOTAL	1 175	0.80	0.10	846	638	208	39	8 056	
D-3 SOLN	582	0.65	0.50	189[b]			37		
D-3 ASSOC	1 063	0.85	0.15	768[b]	708[b]	249	37	9 171	1 106
OTHER	5 249			3 285	1 339	1 946		74 354	
TOTAL-ERSKINE	8 069			5 088	2 685	2 403		91 581	
ESTHER 031-02W4									
BELLY RIVER A	460	0.75	0.05	328	319	9	37	331	6 270
VIKING A ASSOC	1 396	0.80	0.10	1 006[b]	14[b]	992	37	36 674	9 471
UPPER MANNVILLE A	534	0.80	0.05	406	332	74	37	2 737	1 922
BANFF A	972	0.90	0.05	831	803	28	38	1 058	400
OTHER	2 215			1 428	673	755		28 279	
TOTAL-ESTHER	5 577			3 999	2 141	1 858		69 079	
ESTUARY 023-22W4									
TOTAL-ESTUARY	891			552	288	264		9 930	
ETHEL LAKE 065-03W4									
GRAND RAPIDS A	569	0.65	0.05	352	271	81	38	3 038	774
OTHER	923			463	296	167		6 188	
TOTAL-ETHEL LAKE	1 492			815	567	248		9 226	
ETZIKOM 006-08W4									
BOW ISLAND A	1 936	0.75	0.05	1 379	1 360	19	37	696	5 066
OTHER	218			154	64	90		3 171	
TOTAL-ETZIKOM	2 154			1 533	1 424	109		3 867	
EUREKA 088-03W6									
TOTAL-EUREKA	89			65	43	22		824	
EVI 087-13W5									
TOTAL-EVI	752			351	96	255		8 736	
EWING LAKE 037-21W4									
TOTAL-EWING LAKE	406			206	155	51		1 891	
EXCELSIOR 056-24W4									
MANNVILLE A SOLN	54	0.65	0.35	23[b]			38		
MANNVILLE A ASSOC	647	0.75	0.10	437[b]	399[b]	61	38	2 310	780

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
1.80	0.208	0.60	10 510	37	0.822	0.67	986.2	1966	1994	TCPL PANALTA CRESTAR
24.00	0.090	0.80	11 080	29	0.802	0.67	979.8	1987	1994	CANST
3.42	0.193	0.60	8 020	38	0.849	0.64	1 186.6	1975	1997	RANGER CDNFRST POCO
5.71	0.235	0.60	2 960	35	0.952	0.57	741.4	1974	1985	CWNGNUL PANCDN PRODUCTION DECLINE
7.14	0.228	0.55	2 960	30	0.948	0.58	791.6	1969	1994	PRODUCTION DECLINE
2.93	0.215	0.55	3 240	29	0.942	0.59	821.9	1969	1994	PRODUCTION DECLINE
2.14	0.220	0.65	5 890	31	0.902	0.58	818.4	1974	1994	PRODUCTION DECLINE INCLUDES BELLY RIVER T RESERVES
4.60	0.170	0.50	4 360	26	0.921	0.57	645.0	1977	1994	PRODUCTION DECLINE
1.81	0.222	0.65	6 060	32	0.905	0.57	830.8	1977	1994	PRODUCTION DECLINE RESERVES CARRIED ON BELLY RIVER L
4.00	0.200	0.50	4 510	26	0.920	0.57	661.8	1977	1994	PRODUCTION DECLINE
								1969	1994	CWNGNUL
2.87	0.178	0.65	9 650	50	0.845	0.66	1 354.9	1952	1980	PRODUCTION DECLINE NONCOMMERCIAL OIL
6.59	0.157	0.70	9 600	57	0.839	0.69	1 352.5	1952	1981	PRODUCTION DECLINE NONCOMMERCIAL OIL
								1952	1981	TCPL
						0.74		1952	1994	TCPL CONCURRENT PRODUCTION
9.41	0.075	0.85	15 340	60	0.818	0.74	1 631.5	1952	1994	TCPL CONCURRENT PRODUCTION
1.48	0.287	0.65	2 320	12	0.952	0.56	247.5	1956	1996	PROGAS SASKEN TCPL GULF POCO CRESTAR PRODUCTION DECLINE
1.81	0.218	0.55	6 490	35	0.885	0.63	697.6	1969	1995	PINCL POCO CRESTAR GPP
2.04	0.282	0.60	7 410	27	0.872	0.58	750.1	1969	1997	CRESTAR ALTROAN SASKEN
5.81	0.190	0.70	8 130	29	0.854	0.59	849.8	1957	1995	PROGAS GULF PRODUCTION DECLINE
3.38	0.302	0.70	2 140	10	0.952	0.57	363.3	1973	1989	IOL PRODUCTION DECLINE
3.22	0.227	0.50	5 550	25	0.896	0.60	681.4	1951	1996	CTYMEDH MATERIAL BALANCE
						0.62		1949	1997	CWNGNUL NORCEN PRODUCTION DECLINE CONCURRENT PRODUCTION, OIL DEPLETED
7.83	0.219	0.75	7 580	33	0.873	0.62	1 062.5	1949	1997	CWNGNUL NORCEN PRODUCTION DECLINE CONCURRENT PRODUCTION, OIL DEPLETED

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10⁶m³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10⁶m³	NET CUMULATIVE PRODUCTION 10⁶m³	REMAINING ESTABLISHED RESERVES 10⁶m³	GROSS HEAT VALUE MJ/m³	REMAINING ENERGY CONTENT TJ	ha
EXCELSIOR 056-24W4 (CONTINUED)									
OTHER	1 052			440	250	190		7 083	
TOTAL-EXCELSIOR	1 753			900	649	251		9 393	
EXPANSE 088-04W6									
TOTAL-EXPANSE	445			277	59	218		7 901	
EYEHILL 041-06W4									
TOTAL-EYEHILL	48			32		32		1 149	
EYREMORE 018-18W4									
BOW ISLAND A	713	0.80	0.05	542	496	46	36	1 661	2 788
OTHER	1 970			1 282	403	879		32 441	
TOTAL-EYREMORE	2 683			1 824	899	925		34 102	
FAIRYDELL-BON ACCORD 057-24W4									
UPPER VIKING A	1 033	0.30	0.04	298			38		12 165
UPPER VIKING C		0.70	0.04				38		200
MIDDLE VIKING A	3 125	0.95	0.04	2 850			38		9 604
MIDDLE VIKING B	454	0.90	0.04	393			38		1 660
U VIK AC & M VIK AB TOTAL	4 612	0.80	0.05	3 541	3 494	47	38	1 770	
BASAL MANNVILLE C SOLN	96	0.65	0.10	56[b]			36		
BASAL MANNVILLE C ASSOC	604	0.90	0.05	517[b]	455[b]	118	36	4 265	296
BASAL MANNVILLE A ASSOC	458	0.75	0.10	310[b]			37		1 053
BASAL MANNVILLE A SOLN	11	0.65	0.10	6[b]			37		
BASAL MANNVILLE A ASSOC	11	0.80	0.10	8[b]			37		40
BASAL MANNVILLE A TOTAL	480	0.75	0.10	324[b]	321[b]	3	37	112	
OTHER	1 152			673	256	417		15 773	
TOTAL-FAIRYDELL-BON ACCORD	6 944			5 111	4 526	585		21 920	
FARMINGTON 080-11W6									
KISKATINAW A	1 010	0.85	0.05	816	466	350	37	13 122	400
KISKATINAW B	559	0.85	0.05	451	332	119	38	4 466	400
OTHER	449			310	105	205		7 922	
TOTAL-FARMINGTON	2 018			1 577	903	674		25 510	
FARRELL 034-16W4									
TOTAL-FARRELL	481			310	138	172		6 522	
FARROW 020-24W4									
TOTAL-FARROW	1 509			903	266	637		23 993	
FAWCETT (SA) 075-21W4									
TOTAL-FAWCETT	60			34		34		1 265	
FENN WEST 036-20W4									
TOTAL-FENN WEST	2 267			1 259	588	671		25 542	
FENN-BIG VALLEY 035-20W4									
BELLY RIVER J	1 649	0.65	0.05	1 018	933	85	36	3 063	6 740
VIKING B	1 040	0.80	0.10	749	702	47	39	1 828	7 378
D-2 A ASSOC	43	0.75	0.30	22[b]			42		65
D-2 A SOLN	6 160	0.64	0.55	1 774[b]			42		
D-2 A ASSOC	18	0.75	0.30	10[b]			42		78
D-2 A ASSOC	34	0.75	0.30	18[b]			42		53
D-2 A ASSOC	259	0.75	0.30	136[b]			42		190
D-2 A ASSOC	93	0.75	0.30	49[b]			42		199
D-2 A TOTAL	6 607	0.65	0.55	2 009[b]	1 894[b]	115	42	4 777	
OTHER	5 051			2 825	1 387	1 438		54 051	
TOTAL-FENN-BIG VALLEY	14 347			6 601	4 916	1 685		63 719	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
2.84	0.202	0.45	7 180	35	0.893	0.58	949.9	1953	1996	RENENER NORCEN TCPL PANALTA CRESTAR PCOG ENGAGE PRODUCTION DECLINE
1.41	0.224	0.50	5 110	30	0.906	0.59	800.5	1950	1991	PART OF VIK POOL NO.1 PRODUCTION DECLINE NONCOMMERCIAL OIL
1.50	0.240	0.50	5 710	29	0.893	0.60	754.1	1961	1988	PART OF VIK POOL NO.1 RESERVES CARRIED ON MID VIK B
2.90	0.199	0.40	5 820	30	0.892	0.60	807.9	1950	1991	PART OF VIK POOL NO.1 PRODUCTION DECLINE
2.34	0.224	0.50	5 020	29	0.899	0.61	776.7	1947	1991	PART OF VIK POOL NO.1 PRODUCTION DECLINE INCLUDES UPPER VIK C RESERVES
								1947	1991	CNWE CWNGNUL NORCEN CANST PART OF VIK POOL NO.1 NONCOMMERCIAL OIL
						0.64		1965	1991	PANALTA PRODUCTION DECLINE CONCURRENT PRODUCTION
6.22	0.215	0.75	7 310	42	0.887	0.64	1 054.9	1965	1991	PANALTA PRODUCTION DECLINE CONCURRENT PRODUCTION
5.51	0.202	0.55	7 070	43	0.895	0.63	1 028.1	1951	1996	CONCURRENT PRODUCTION
						0.63		1951	1996	CONCURRENT PRODUCTION
3.20	0.200	0.65	6 760	39	0.894	0.63	1 042.1	1951	1996	ASSIGNED WELL 6-16-57-24W4
								1951	1996	NORCEN CWNGNUL CANST CONCURRENT PRODUCTION
11.85	0.159	0.70	21 510	79	0.908	0.59	2 315.1	1977	1996	AMOCO PANALTA TALISMA
5.50	0.108	0.80	19 770	80	0.903	0.59	2 388.1	1986	1996	TALISMA PRODUCTION DECLINE
4.63	0.255	0.55	3 030	26	0.947	0.57	638.3	1951	1995	RANGER PANCDN CDNFRST GULF SHELL TCPL NORCEN PANALTA TALISMA PART OF BR POOL NO.3 PRODUCTION DECLINE
1.43	0.140	0.55	7 240	44	0.861	0.66	1 178.8	1952	1997	TARRAGN IOL GULF TCPL CWNGNUL PANALTA NORCEN TALISMA PART OF VIK POOL NO.4 PRODUCTION DECLINE
4.48	0.111	0.85	12 750	58	0.702	0.95	1 593.8	1950	1996	GPP
						0.95		1950	1996	GPP
2.09	0.093	0.75	12 750	57	0.699	0.95	1 573.6	1950	1984	GPP
3.89	0.124	0.85	12 750	58	0.702	0.95	1 597.2	1950	1996	GPP
7.79	0.132	0.85	12 750	58	0.702	0.95	1 589.9	1950	1996	GPP
3.96	0.095	0.80	12 750	58	0.702	0.95	1 578.3	1950	1996	GPP
								1950	1996	CWNGNUL NORCEN TALISMA GPP

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	ha
FERINTOSH 044-21W4									
BELLY RIVER A	396	0.85	0.05	320	148	172	37	6 374	2 197
ELLERSLIE H	649	0.75	0.10	438	99	339	40	13 397	300
OTHER	2 119			1 287	323	964		37 331	
TOTAL-FERINTOSH	3 164			2 045	570	1 475		57 102	
FERRIER 039-08W5									
CARDIUM G ASSOC		0.85	0.15				42		276
CARDIUM G SOLN	18 750	0.32	0.15	5 100[b]			42		
CARDIUM G ASSOC		0.85	0.15				42		2 368
CARDIUM G ASSOC		0.85	0.15				42		2 315
CARDIUM G ASSOC		0.85	0.15				42		5 846
CARDIUM G & L TOTAL	35 221	0.55	0.15	17 000[b]	15 787[b]	1 213	42	50 667	
CARDIUM Q	965	0.90	0.10	782			40		1 581
CARDIUM Z	178	0.80	0.10	128			40		1 210
CARDIUM Q & Z TOTAL	1 143	0.90	0.10	910	379	531	40	21 113	
CARDIUM N ASSOC	360	0.85	0.15	260[b]			41		440
CARDIUM N SOLN	786	0.65	0.15	434[b]			41		
CARDIUM B,N & VIK A TOTAL	1 146	0.70	0.15	694[b]	627[b]	67	41	2 734	
GLAUCONITIC B	670	0.88	0.10	531	527	4	40	159	150
SHUN 13-041-10	469	0.85	0.15	339		339	39	13 282	200
PEKISKO B	630	0.85	0.10	482	158	324	39	12 610	400
OTHER	9 222			6 249	2 201	4 048		160 261	
TOTAL-FERRIER	48 501			26 205	19 679	6 526		260 826	
FERRYBANK 044-27W4									
BELLY RIVER C ASSOC	2 026	0.80	0.05	1 540[b]			37		7 398
BELLY RIVER C SOLN	627	0.27	0.50	85[b]			37		
BELLY RIVER G	5	0.65	0.05	3[b]			36		64
BELLY RIVER H	5	0.60	0.05	3[b]			36		64
BELLY RIVER C, G & H TOTAL	2 663	0.65	0.10	1 631[b]	1 367[b]	264	37	9 789	
VIKING A	1 150	0.80	0.20	736	273	463	46	21 270	8 259
GLAUCONITIC A	1 429	0.70	0.10	900			39		5 838
LOWER MANNVILLE W	123	0.75	0.10	83			40		291
GLAUC A & L MANN W TOTAL	1 552	0.70	0.10	983	889	94	39	3 712	
LOWER MANNVILLE I SOLN	12	0.65	0.65	3[b]			40		
LOWER MANNVILLE I ASSOC	689	0.80	0.10	496[b]	489[b]	10	40	400	612
LOWER MANNVILLE F	432	0.85	0.10	330	306	24	40	955	502
LOWER MANNVILLE S	1 468	0.85	0.15	1 061	601	460	40	18 216	3 008
LOWER MANNVILLE A		0.90	0.10				40		1 190
LOWER MANNVILLE B		0.90	0.10				40		1 214
LOWER MANNVILLE A & B TOTAL	836	0.90	0.10	677	649	28	40	1 110	
BANFF A	461	0.85	0.10	353	347	6	40	240	1 204
BANFF B	682	0.85	0.10	522	509	13	40	517	937
OTHER	3 327			2 223	858	1 365		53 686	
TOTAL-FERRYBANK	13 272			9 015	6 288	2 727		109 895	
FIGURE LAKE 063-18W4									
D-2 E	1 723	0.65	0.05	1 064	837	227	37	8 481	3 545
NISKU U	443	0.75	0.05	315	19	296	37	10 934	400
UPPER MANNVILLE B		0.70	0.05				38		742
UPPER MANNVILLE Y		0.70	0.05				38		179
UPPER MANNVILLE CC		0.65	0.05				38		305
D-2 B		0.50	0.05				37		9 121
UPPER MANN B,Y,CC&D-2 TOTAL	4 806	0.65	0.05	3 033	2 867	166	37	6 207	
GROSMONT A	514	0.70	0.05	342	126	216	37	8 003	3 055
OTHER	7 188			4 625	2 624	2 001		74 272	
TOTAL-FIGURE LAKE	14 674			9 379	6 473	2 906		107 897	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
2.94	0.267	0.55	4 090	27	0.928	0.57	601.9	1982	1997	APACHE CANST
12.15	0.229	0.85	9 160	55	0.868	0.67	1 327.0	1989	1993	CANST
1.45	0.090	0.70	21 160	74	0.805	0.76	2 057.1	1961	1996	PRODUCTION DECLINE SOLN MU-CARDIUM G&L, CONC PROD, GPP
						0.76		1961	1996	PRODUCTION DECLINE SOLN MU-CARDIUM G&L, CONC PROD, GPP
2.63	0.161	0.85	21 770	74	0.809	0.76	2 052.7	1961	1996	PRODUCTION DECLINE
2.58	0.170	0.85	21 770	74	0.809	0.76	2 031.4	1961	1996	PRODUCTION DECLINE
6.65	0.137	0.85	21 770	74	0.809	0.76	2 066.2	1961	1996	PRODUCTION DECLINE
								1961	1996	AMOCO HUSKY IOL TCPL CANST NORCEN POCO TALISMA APACHE GULF CONCURRENT PRODUCTION, GPP
3.01	0.120	0.80	22 000	73	0.856	0.69	2 246.0	1969	1997	
1.81	0.064	0.60	22 570	79	0.861	0.69	2 303.2	1975	1996	
						0.68		1969	1997	NORCEN TCPL PANALTA TALISMA
2.40	0.126	0.90	22 340	83	0.845	0.75	2 232.7	1955	1989	PRODUCTION DECLINE SOLN MU-CARDIUM B,N & VIK A, CONC PROD
						0.75		1955	1989	PRODUCTION DECLINE SOLN MU-CARDIUM B,N & VIK A, CONC PROD
								1955	1989	TCPL NORCEN CONCURRENT PRODUCTION
7.16	0.080	0.60	33 890	88	0.986	0.67	2 725.3	1984	1995	ENGAGE IOL APACHE PRODUCTION DECLINE
10.00	0.120	0.90	27 080	104	0.941	0.71	2 964.7	1994	1996	
10.64	0.098	0.80	24 010	110	0.944	0.65	2 894.9	1992	1995	PANCDN
4.40	0.200	0.60	5 600	35	0.906	0.60	909.0	1955	1991	MATERIAL BALANCE CONC PROD, SOLN MU-BR C,G & H
						0.60		1955	1991	MATERIAL BALANCE CONC PROD, SOLN MU-BR C,G & H
2.00	0.180	0.45	4 420	26	0.918	0.59	786.8	1986	1996	
1.90	0.200	0.45	4 420	27	0.919	0.59	857.9	1986	1989	
								1955	1991	CHAUVCO AMOCO TCPL PANALTA CANST NORCEN PANCDN CHEL CONCURRENT PRODUCTION
1.91	0.128	0.55	7 990	53	0.673	0.97	1 441.4	1955	1997	CHAUVCO PANCDN TCPL PANALTA CHEL
4.45	0.139	0.50	11 940	64	0.836	0.68	1 562.3	1954	1996	PART OF GLAUC POOL NO.3 PRODUCTION DECLINE
3.20	0.140	0.80	11 650	64	0.835	0.68	1 575.5	1991	1996	PART OF GLAUC POOL NO.3
								1954	1993	ENGAGE TCPL SCEPTRE QUEBEC PROGAS POCO PANCDN PANALTA PART OF GLAUC POOL NO.3
						0.69		1981	1992	CHAUVCO PANCDN TCPL PRODUCTION DECLINE CONC PROD, OIL DEPLETED
4.79	0.191	0.70	12 490	65	0.828	0.69	1 667.4	1981	1992	CHAUVCO PANCDN TCPL PRODUCTION DECLINE CONC PROD, OIL DEPLETED
2.39	0.160	0.80	12 710	58	0.809	0.70	1 587.7	1970	1997	CHAUVCO TCPL MATERIAL BALANCE NONCOMMERCIAL OIL
3.28	0.160	0.70	12 450	63	0.793	0.78	1 632.4	1980	1993	TCPL PANALTA SCEPTRE PANCDN QUEBEC
2.36	0.205	0.75	13 340	63	0.803	0.73	1 710.3	1971	1995	PRODUCTION DECLINE SLUSH OIL
2.25	0.213	0.70	13 340	63	0.803	0.73	1 731.1	1971	1995	PRODUCTION DECLINE SLUSH OIL
								1971	1997	CHAUVCO AMOCO PANCDN TCPL PANALTA SLUSH OIL
4.35	0.134	0.80	12 780	63	0.814	0.71	1 656.3	1958	1997	PRODUCTION DECLINE
9.82	0.143	0.55	12 750	63	0.823	0.70	1 591.6	1955	1993	CHAUVCO TCPL PANCDN PRODUCTION DECLINE
7.18	0.202	0.75	3 430	26	0.938	0.56	645.7	1951	1996	TCPL RENENER PRODUCTION DECLINE
13.40	0.220	0.80	4 540	26	0.919	0.57	663.0	1995	1997	
4.11	0.281	0.70	3 630	24	0.931	0.57	539.4	1958	1995	PRODUCTION DECLINE
1.60	0.259	0.70	3 410	26	0.937	0.57	534.5	1987	1995	PRODUCTION DECLINE
1.62	0.310	0.75	3 420	27	0.938	0.57	542.3	1987	1995	PRODUCTION DECLINE
12.76	0.192	0.70	3 520	26	0.937	0.57	668.3	1955	1995	PRODUCTION DECLINE
								1955	1995	CNRL TCPL RENENER IOL
6.62	0.159	0.55	2 850	22	0.946	0.57	559.6	1979	1997	PROGAS CNRL TCPL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE $10^6 m^3$	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES $10^6 m^3$	NET CUMULATIVE PRODUCTION $10^6 m^3$	REMAINING ESTABLISHED RESERVES $10^6 m^3$	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	ha
FINDLEY 057-06W6									
NORD 057-06	624	0.85	0.15	451		451	38	16 944	528
RUNDLE A	724	0.75	0.15	462		462	38	17 330	628
OTHER	1 030			703		703		26 675	
TOTAL-FINDLEY	2 378			1 616		1 616		60 949	
FIR 058-21W5									
GETHING A	658	0.75	0.10	445		445	39	17 239	968
CADOMIN C	752	0.85	0.05	607	4	603	39	23 330	300
TRIASSIC C	9 861	0.80	0.10	7 100	5 320	1 780	38	67 960	19 916
D-3 A	4 267	0.45	0.25	1 440	1 343	97	37	3 604	1 113
D-3 C	800	0.90	0.20	576	472	104	37	3 885	128
D-3 E	564	0.80	0.25	338	5	333	37	12 218	200
LED 25-058-21	541	0.80	0.25	325		325	37	12 171	200
OTHER	2 540			1 786	330	1 456		56 565	
TOTAL-FIR	19 983			12 617	7 474	5 143		196 972	
FIRE 113-07W6									
TOTAL-FIRE	190			109	59	50		1 885	
FISHER 068-05W4									
GRAND RAPIDS C	841	0.50	0.05	400	99	301	37	11 179	6 765
GRAND RAPIDS D	1 275	0.50	0.05	606	481	125	37	4 639	8 863
CLEARWATER B	1 158	0.80	0.05	880	835	45	37	1 687	4 392
MCMURRAY A	1 086	0.65	0.05	671	158	513	37	18 842	7 045
OTHER	4 789			2 611	487	2 124		78 811	
TOTAL-FISHER	9 149			5 168	2 060	3 108		115 158	
FLAT 066-20W4									
WABISKAW-WABAMUN A		0.75	0.05				37		4 042
WABISKAW&WABAMUN A		0.75	0.05				37		6 950
WABISKAW-WABAMUN A TOTAL	4 912	0.75	0.05	3 500	2 910	590	37	21 771	
WABISKAW-WABAMUN B		0.65	0.05				37		3 142
WABISKAW-WABAMUN B		0.65	0.05				37		617
WABISKAW-WABAMUN B TOTAL	809	0.65	0.05	500	439	61	37	2 283	
OTHER	2 842			1 850	906	944		35 241	
TOTAL-FLAT	8 563			5 850	4 255	1 595		59 295	
FLOOD 085-25W5									
TOTAL-FLOOD	177			113	109	4		149	
FOLEY LAKE 065-06W5									
TOTAL-FOLEY LAKE	18			13		13		505	
FOREMOST 006-10W4									
BOW ISLAND		0.93	0.05				36		6 038
BOW ISLAND		0.93	0.05				36		128
BOW ISLAND TOTAL	566	0.95	0.05	500	310	190			
OTHER	17			9	7	2		73	
TOTAL-FOREMOST	583			509	317	192		73	
FORESTBURG 042-15W4									
UPPER MANNVILLE K	485	0.80	0.05	369	299	70	37	2 559	300
UPPER MANNVILLE R	795	0.75	0.05	566	232	334	37	12 335	1 450
OTHER	3 258			2 076	867	1 209		44 336	
TOTAL-FORESTBURG	4 538			3 011	1 398	1 613		59 230	
FORSYTH 062-06W4									
TOTAL-FORSYTH	2 433			1 443	802	641		23 744	
FORT ASSINIBOINE 062-04W5									
TOTAL-FORT ASSINIBOINE	324			225	107	118		4 560	
FORT KENT 061-04W4									
COLONY I		0.55	0.05				38		4 021
COLONY I		0.60	0.05				37		150
COLONY I TOTAL	918	0.50	0.05	436	428	8	37	298	
OTHER	2 653			1 696	1 286	410		15 269	
TOTAL-FORT KENT	3 571			2 132	1 714	418		15 567	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
7.82	0.112	0.55	28 530	77	0.945	0.61	2 375.8	1975	1988	CANOXY BER TOP/BASE TVD
8.10	0.073	0.80	29 290	85	0.955	0.62	2 731.5	1975	1995	CANOXY BER TOP/BASE TVD
3.99	0.111	0.75	22 740	85	0.883	0.72	2 642.9	1972	1994	TCPL TALISMA
11.10	0.154	0.75	22 200	84	0.904	0.62	2 585.3	1972	1995	
2.28	0.107	0.80	22 940	100	0.937	0.62	2 638.1	1972	1991	AMOCO TCPL MOBIL PANALTA PROGAS GULF AEC TALISMA MATERIAL BALANCE DEEP CUT SL
24.74	0.065	0.85	30 710	98	0.937	0.69	3 348.9	1974	1996	TCPL PANALTA PROGAS ENGAGE TALISMA CHEVRON PRODUCTION DECLINE
196.80	0.080	0.85	33 420	126	1.010	0.67	3 518.5	1988	1995	GULF MATERIAL BALANCE
21.50	0.070	0.90	27 150	120	0.943	0.70	3 417.6	1991	1995	PANALTA
13.82	0.100	0.85	29 180	107	0.948	0.68	3 367.0	1980	1996	TCPL PANALTA
3.12	0.313	0.75	1 630	10	0.965	0.56	329.5	1986	1997	PROGAS AEC HUSKY
3.83	0.298	0.75	1 620	11	0.965	0.56	320.2	1986	1997	PROGAS HUSKY AEC
4.71	0.305	0.70	2 500	13	0.948	0.56	439.2	1986	1997	PROGAS HUSKY AEC
3.05	0.299	0.65	2 490	14	0.949	0.57	520.0	1981	1997	PROGAS AMOCO AEC
1.65	0.229	0.70	3 640	22	0.930	0.58	564.9	1956	1991	PRODUCTION DECLINE
10.00	0.233	0.85	3 410	27	0.939	0.58	564.7	1956	1991	PRODUCTION DECLINE
								1956	1991	TCPL
2.33	0.228	0.65	3 330	25	0.939	0.58	571.6	1967	1991	PRODUCTION DECLINE
5.62	0.209	0.20	3 380	27	0.939	0.58	591.8	1967	1991	PRODUCTION DECLINE
								1967	1991	CDNFRST CNRL TARRAGN TCPL
1.52	0.240	0.70	4 830	27	0.917	0.57	664.9	1923	1981	MATERIAL BALANCE
1.50	0.200	0.45	4 720	27	0.919	0.57	685.4	1923	1981	MATERIAL BALANCE ASSIGNED WELL:6-13-6-11W4
								1923	1997	SUNCOR CRESTAR CWNGNUL ALTROAN
7.45	0.257	0.85	7 570	40	0.882	0.62	1 051.1	1984	1995	TCPL POCO PRODUCTION DECLINE
3.91	0.242	0.75	7 560	40	0.889	0.59	1 049.7	1982	1996	TCPL
2.78	0.288	0.70	2 430	15	0.950	0.56	304.4	1965	1994	PRODUCTION DECLINE
2.00	0.310	0.65	2 420	15	0.950	0.57	306.0	1965	1994	PRODUCTION DECLINE ASSIGNED WELL 2-17-62-4W4M
								1965	1995	AMOCO MOBIL SHELL RENENER

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	ha
FORT SASKATCHEWAN 054-22W4									
U&M VIKING A	9 124	0.89	0.03	7 876	7 796	80	36	2 910	13 054
OTHER	193			127	45	82		3 056	
TOTAL-FORT SASKATCHEWAN	9 317			8 003	7 841	162		5 966	
FORTY MILE 007-09W4									
LOWER MANNVILLE E		0.65	0.05				37		150
LOWER MANNVILLE E		0.65	0.05				36		6 680
LOWER MANNVILLE E TOTAL	2 000	0.65	0.05	1 235	1 216	19	36	691	
OTHER	592			384	171.	213		7 684	
TOTAL-FORTY MILE	2 592			1 619	1 387	232		8 375	
FOX CREEK 061-18W5									
VIKING A	4 519	0.90	0.10	3 660	3 329	331	39	13 002	7 525
NOTIKEWIN C	410	0.80	0.05	312	18	294	39	11 360	250
VIKING C		0.70	0.10				39		386
GETHING D		0.65	0.05				38		1 065
GETHING H ASSOC		0.65	0.05				39		11 620
GETHING H SOLN	58	0.65	0.30	27[b]			39		
VIKING C,GETHING D&H TOTAL	3 244	0.85	0.05	2 600[b]	1 839[b]	761	39	29 519	
MONTNEY B	490	0.85	0.15	354	46	308	41	12 699	1 172
BEAVERHILL LAKE A SOLN	928	0.60	0.30	390	339	51	42	2 165	
OTHER	1 140			743	357	386		15 029	
TOTAL-FOX CREEK	10 731			8 059	5 928	2 131		83 774	
FRANCIS 073-22W4									
WABAMUN A	495	0.65	0.05	306		306	37	11 249	440
OTHER	320			192	12	180		6 678	
TOTAL-FRANCIS	815			498	12	486		17 927	
FRENCH 064-27W4									
TOTAL-FRENCH	806			507	238	269		10 146	
FURNESS 048-23W4									
TOTAL-FURNESS	641			414	16	398		15 025	
GADSBY 037-19W4									
BELLY RIVER J	2 207	0.85	0.05	1 782	1 296	486	37	17 899	11 567
MANNVILLE A	460	0.80	0.10	331	313	18	39	696	739
MANNVILLE I	486	0.80	0.10	350	174	176	39	6 866	300
OTHER	2 705			1 752	683	1 069		40 641	
TOTAL-GADSBY	5 858			4 215	2 466	1 749		66 102	
GAGE 082-03W6									
TOTAL-GAGE	307			206		206		7 703	
GALAHAD 039-15W4									
TOTAL-GALAHAD	1 343			830	100	730		24 828	
GAMBLER 070-21W4									
WABAMUN B	857	0.70	0.05	570	483	87	37	3 232	3 555
OTHER	2 310			1 371	537	834		31 108	
TOTAL-GAMBLER	3 167			1 941	1 020	921		34 340	
GARDEN PLAINS 033-13W4									
SECOND WHITE SPECKS E	1 889	0.65	0.05	1 167	96	1 071	37	39 488	5 120
OTHER	2 612			1 756	641	1 115		42 340	
TOTAL-GARDEN PLAINS	4 501			2 923	737	2 186		81 828	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
4.82	0.210	0.60	5 550	31	0.903	0.61	790.4	1917	1995	PART OF VIK POOL NO.2 MATERIAL BALANCE
1.85	0.120	0.50	10 000	35	0.858	0.58	928.9	1965	1994	PRODUCTION DECLINE ASSIGNED WELL 10-20-007-09W4M
2.24	0.195	0.60	10 070	36	0.861	0.58	932.9	1965	1994	PRODUCTION DECLINE
								1965	1996	CANST PANALTA POCO SUMMIT TCPL ENGAGE
3.18	0.144	0.60	10 160	61	0.848	0.67	1 711.2	1957	1997	AMOCO TCPL TALISMA GULF UNOCAL MATERIAL BALANCE
7.00	0.260	0.85	10 880	63	0.868	0.62	1 646.5	1987	1994	CHEVRON PANALTA
1.59	0.150	0.60	9 140	64	0.874	0.64	1 633.1	1978	1996	PART OF GETHING POOL NO.1 PRODUCTION DECLINE
5.54	0.144	0.60	14 410	28	0.777	0.62	1 968.8	1967	1996	PART OF GETHING POOL NO.1 PRODUCTION DECLINE
5.06	0.154	0.50	14 410	75	0.863	0.65	1 921.5	1957	1996	PART OF GETHING POOL NO.1 PRODUCTION DECLINE CONC PROD.SOLN MU-VIK C,GETH D & H
						0.65		1957	1996	PART OF GETHING POOL NO.1 PRODUCTION DECLINE CONC PROD.SOLN MU-VIK C,GETH D & H
								1957	1996	ULSTER WAINOCO AMOCO PROGAS TCPL POCO TALISMA GULF PART OF GETHING POOL NO.1 CONCURRENT PRODUCTION
2.68	0.137	0.75	15 100	73	0.817	0.73	2 014.0	1994	1997	
						0.84		1975	1997	GULF CHEVRON GPP
23.47	0.250	0.80	2 370	22	0.954	0.58	548.6	1965	1995	
4.92	0.252	0.60	3 030	27	0.946	0.57	618.0	1951	1997	CNRL CANST CWNGNUL AMOCO CDNFRST CNWE POCO SHELL SHERRIT TCPL RANGER PART OF BR POOL NO.3 PRODUCTION DECLINE DEEP CUT SL
5.37	0.161	0.60	8 450	45	0.847	0.66	1 223.6	1975	1997	TCPL CDNFRST CWNGNUL PRODUCTION DECLINE
11.90	0.204	0.70	9 210	51	0.848	0.66	1 227.9	1989	1994	SHERRIT CDNFRST
3.28	0.232	0.80	2 620	22	0.949	0.57	524.8	1979	1996	TCPL DIRECT CANST PRODUCTION DECLINE NONCOMMERCIAL OIL
3.47	0.140	0.55	5 970	31	0.903	0.57	832.3	1953	1997	CWNGNUL PANALTA PROGAS RENENER TCPL NORCEN POCO QUEBEC ENGAGE CRESTAR CDNFRST PART OF 2WS POOL NO.2

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA ha
	INITIAL VOLUME IN PLACE 10⁶m³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10⁶m³	NET CUMULATIVE PRODUCTION 10⁶m³	REMAINING ESTABLISHED RESERVES 10⁶m³	GROSS HEAT VALUE MJ/m³	REMAINING ENERGY CONTENT TJ	
GARRINGTON 034-04W5									
VIKING P SOLN	15	0.65	0.10	9[b]			40		
VIKING P ASSOC	835	0.85	0.10	639[b]	610[b]	38	40	1 529	732
VIKING A ASSOC	375	0.65	0.10	220[b]			39		4 344
VIKING A SOLN	800	0.65	0.15	442[b]			39		
VIKING A ASSOC	27	0.70	0.10	17[b]			39		200
VIKING A ASSOC	20	0.60	0.10	11[b]			39		200
VIKING A ASSOC	13	0.55	0.10	6[b]			39		200
VIKING A ASSOC	19	0.55	0.10	9[b]			39		200
VIKING A ASSOC	18	0.60	0.10	10[b]			39		128
VIKING A TOTAL	1 272	0.65	0.15	715[b]	599[b]	116	39	4 553	
VIKING CC	11	0.75	0.10	7			40		200
MANNVILLE B SOLN	5 846	0.65	0.25	2 850			42		
VIKING CC&MANNVILLE B TOTAL	5 857	0.65	0.25	2 857	2 572	285	42	11 987	
MANNVILLE D SOLN	1 085	0.65	0.40	423[b]			41		
MANNVILLE D ASSOC	910	0.85	0.10	697[b]	890[b]	230	41	9 407	2 249
MANNVILLE R	177	0.75	0.10	120[b]			40		250
LOWER MANNVILLE ZZ ASSOC	780	0.85	0.15	564[b]			41		651
MANN R & L MANN ZZ TOTAL	957	0.85	0.15	684[b]	55[b]	629	41	25 581	
ELRS 06-036-04	450	0.85	0.15	326		326	40	13 177	100
ELKTON E	3 556	0.90	0.15	2 720	2 628	92	40	3 705	1 167
PEKISKO A	551	0.85	0.15	398	62	336	41	13 645	400
WABAMUN A SOLN	1 762	0.65	0.33	767[b]			39		
WABAMUN A ASSOC	8 709	0.85	0.33	4 960[b]	4 889[b]	838	39	32 347	14 072
LEDUC D SOLN	48	0.65	0.45	17[b]			42		
LEDUC D ASSOC	927	0.85	0.45	433[b]	42[b]	408	42	17 262	128
LEDUC A	567	0.80	0.10	409	100	309	38	11 652	400
LEDUC F	833	0.80	0.20	533	94	439	38	16 678	200
OTHER	11 950			6 314	2 465	3 849		154 716	
TOTAL-GARRINGTON	40 284			22 901	15 006	7 895		316 239	
GARTH 064-06W4									
TOTAL-GARTH	500			296	202	94		3 483	
GARTLEY 031-18W4									
TOTAL-GARTLEY	493			314	167	147		5 526	
GAYFORD 026-24W4									
BELLY RIVER B	715	0.80	0.05	543			37		1 553
BELLY RIVER C	20	0.85	0.05	16			37		250
BELLY RIVER B & C TOTAL	735	0.80	0.05	559	377	182	37	6 701	
OTHER	2 013			1 209	718	491		17 742	
TOTAL-GAYFORD	2 748			1 768	1 095	673		24 443	
GENESEE 050-03W5									
TOTAL-GENESEE	393			263	98	165		6 519	
GEORGE 082-05W6									
KISKATINAW D	932	0.82	0.10	688	549	139	39	5 395	2 334
KISKATINAW H	3 225	0.60	0.05	1 838	1 178	660	38	25 093	2 066
KISKATINAW J	598	0.90	0.10	484	263	221	38	8 418	433
KISKATINAW M	702	0.85	0.05	567	178	389	38	14 790	200
OTHER	882			637	130	507		19 327	
TOTAL-GEORGE	6 339			4 214	2 298	1 916		73 023	
GERE 062-08W5									
TOTAL-GERE	43			27		27		1 042	
GERMAIN (SA) 085-22W4									
TOTAL-GERMAIN	82			43		43		1 583	
GHOST PINE 031-22W4									
BELLY RIVER I	536	0.75	0.05	382	228	154	37	5 713	2 607

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
						0.67		1979	1996	SHELL NORCEN IOL GARDNER PRODUCTION DECLINE CONCURRENT PRODUCTION
2.86	0.137	0.75	20 830	73	0.852	0.67	2 360.3	1979	1996	SHELL NORCEN IOL GARDNER PRODUCTION DECLINE CONCURRENT PRODUCTION
1.79	0.089	0.65	8 920	72	0.881	0.67	1 996.6	1977	1997	CONCURRENT PRODUCTION
						0.67		1977	1997	CONCURRENT PRODUCTION
1.82	0.084	0.65	13 510	63	0.832	0.67	2 132.1	1977	1996	ASSIGNED WELL 14-32-034-03W5M
1.70	0.080	0.75	9 750	61	0.855	0.67	2 127.4	1977	1996	ASSIGNED WELL 06-30-035-03W5M
1.14	0.092	0.75	8 730	65	0.873	0.67	2 170.6	1977	1996	ASSIGNED WELL 10-13-035-04W5M
2.32	0.067	0.65	9 680	64	0.861	0.67	2 148.5	1977	1996	ASSIGNED WELL 01-25-035-04W5M
2.66	0.102	0.65	8 510	74	0.886	0.67	2 104.6	1977	1987	ASSIGNED WELL 06-20-035-03W5M
								1977	1997	CRESTAR AMOCO ENGAGE IOL APACHE TCPL PANALTA PROGAS NORCEN GULF CONCURRENT PRODUCTION
0.70	0.060	0.70	18 920	77	0.833	0.72	2 233.7	1975	1993	
						0.77		1963	1991	GPP
								1963	1993	CWNGNUL TCPL GPP
						0.72		1968	1996	AMOCO GULF IOL TCPL DIRECT PANALTA PROGAS NORCEN CONCURRENT PRODUCTION
1.96	0.110	0.75	27 750	78	0.898	0.72	2 435.9	1968	1996	AMOCO GULF IOL TCPL DIRECT PANALTA PROGAS NORCEN CONCURRENT PRODUCTION
3.60	0.129	0.85	17 980	73	0.824	0.71	2 505.9	1979	1996	
5.73	0.120	0.85	21 300	83	0.830	0.77	2 527.2	1979	1996	GPP
								1979	1996	AMOCO NORCEN PROGAS IOL GPP
13.50	0.150	0.90	26 290	76	0.867	0.77	2 485.7	1984	1995	TCPL
6.87	0.122	0.85	24 530	85	0.883	0.74	2 633.0	1983	1995	GULF IOL DIRECT AMOCO PROGAS PANCDN PRODUCTION DECLINE
18.80	0.056	0.75	17 850	77	0.831	0.74	2 230.9	1981	1996	
						0.77		1952	1985	AMOCO NRTHSTR TCPL MATERIAL BALANCE CONCURRENT PRODUCTION
8.76	0.052	0.85	24 720	74	0.857	0.77	2 649.9	1952	1985	AMOCO NRTHSTR TCPL MATERIAL BALANCE CONCURRENT PRODUCTION
						1.02		1985	1995	GULF CONCURRENT PRODUCTION
45.00	0.070	0.85	26 840	91	0.775	1.02	2 966.2	1985	1995	GULF CONCURRENT PRODUCTION
13.95	0.056	0.85	26 200	95	0.948	0.64	3 183.4	1954	1996	TCPL
35.50	0.070	0.90	20 590	92	0.861	0.77	3 136.7	1985	1995	TOP/BASE TVD
5.08	0.227	0.55	3 120	30	0.946	0.58	812.3	1977	1996	MATERIAL BALANCE
4.30	0.240	0.60	2 680	28	0.954	0.57	715.7	1977	1996	MATERIAL BALANCE
								1977	1996	
2.10	0.143	0.75	14 630	53	0.817	0.65	1 460.8	1973	1997	TCPL AMOCO PRODUCTION DECLINE
6.73	0.199	0.85	13 200	51	0.845	0.61	1 385.3	1995	1997	
5.55	0.204	0.85	13 310	46	0.827	0.63	1 394.6	1995	1997	
13.80	0.230	0.80	13 040	48	0.836	0.62	1 390.6	1995	1997	
5.07	0.263	0.55	2 750	21	0.948	0.56	546.5	1965	1997	TCPL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	AREA ha
GHOST PINE 031-22W4 (CONTINUED)									
UPPER MANNVILLE KK	834	0.50	0.10	375	230	145	40	5 788	250
UPPER MANNVILLE Q ASSOC	667	0.80	0.10	481[b]			40		1 129
UPPER MANNVILLE Q SOLN	20	0.65	0.10	12[b]			40		
UPPER MANNVILLE Y		0.75	0.10				40		6 846
UPPER MANNVILLE FF		0.75	0.10				40		8 820
UPPER MANN Q,Y & FF TOTAL	5 862	0.75	0.10	4 073[b]	3 540[b]	533	40	21 245	
UPPER MANNVILLE C ASSOC		0.70	0.10				39		1 915
UPPER MANNVILLE U		0.75	0.10				39		936
UPPER MANNVILLE ZZZ		0.70	0.10				40		467
LOWER MANNVILLE A ASSOC		0.70	0.10				40		368
LOWER MANNVILLE A SOLN	40	0.65	0.20	21[b]			40		
LOWER MANNVILLE H ASSOC		0.75	0.10				40		150
U&L MANNVILLE MU. #1 TOTAL	1 847	0.85	0.10	1 403[b]	1 353[b]	50	40	2 000	
UPPER MANNVILLE H		0.75	0.10				39		1 366
UPPER MANNVILLE P		0.70	0.10				40		6 157
UPPER MANNVILLE YYY		0.75	0.10				40		2 806
UPPER MANNVILLE B2B	24	0.75	0.10	16			40		150
LOWER MANNVILLE R		0.75	0.10				40		150
LOWER MANNVILLE EE		0.75	0.10				37		150
U&L MANNVILLE MU.NO.2 TOTAL	5 504	0.75	0.10	3 715	3 246	469	40	18 568	
UPPER MANNVILLE K2K	404	0.85	0.10	309	252	57	40	2 272	129
UPPER MANNVILLE O2O	2 016	0.80	0.10	1 452			40		3 911
UPPER MANNVILLE O2O	35	0.70	0.10	23			39		150
UPPER MANNVILLE O2O TOTAL	2 051	0.80	0.10	1 475	1 286	189	40	7 551	
UPPER MANNVILLE H3H	457	0.80	0.10	329			38		2 378
UPPER MANNVILLE H3H	350	0.80	0.10	252			40		300
UPPER MANNVILLE H3H TOTAL	807	0.80	0.10	581	357	224	39	8 707	
LOWER MANNVILLE B SOLN	25	0.65	0.10	14[b]			40		
LOWER MANNVILLE B ASSOC	583	0.80	0.10	419[b]	376[b]	57	40	2 292	902
LOWER MANNVILLE F	606	0.90	0.10	491	480	11	40	437	783
PEKISKO G	842	0.92	0.04	744	727	17	39	669	632
OTHER	14 260			8 773	5 214	3 559		138 838	
TOTAL-GHOST PINE	34 161			22 754	17 289	5 465		214 080	
GIFT 078-10W5									
TOTAL-GIFT	67			35		35		1 363	
GILBY 041-03W5									
UPPER MANNVILLE G	942	0.65	0.15	520	136	384	40	15 233	1 687
UPPER MANNVILLE J ASSOC	286	0.75	0.10	194			38		493
UPPER MANNVILLE J SOLN	425	0.37	0.10	141			38		
UPPER MANNVILLE J TOTAL	711	0.50	0.10	335	83	252	38	9 561	
BASAL MANNVILLE D	2 075	0.80	0.15	1 411	1 360	51	41	2 092	1 361
BASAL MANNVILLE TT	500	0.80	0.15	340	311	29	41	1 176	150
BASAL MANNVILLE A		0.85	0.15				41		1 418
BASAL MANNVILLE A	91	0.75	0.10	61[b]			39		150
BASAL MANNVILLE A	150	0.75	0.10	102[b]			39		150
JURASSIC D ASSOC		0.85	0.15				41		1 092
JURASSIC D	629	0.85	0.15	455[b]			41		200
BSL MANN A & JUR D TOTAL	10 278	0.85	0.15	7 426[b]	6 614[b]	812	41	33 113	
UPPER MANNVILLE A		0.92	0.10				40		75
BASAL MANNVILLE H		0.92	0.10				41		3 138
BASAL MANNVILLE L ASSOC		0.92	0.10				40		150
BASAL MANNVILLE NN		0.92	0.10				39		150
JURASSIC-RUNDLE ASSOC		0.92	0.10				41		7 066
JURASSIC-RUNDLE ASSOC		0.92	0.08				41		9 328
JURASSIC-RUNDLE SOLN	111	0.65	0.10	65[b]			41		
RUNDLE A		0.92	0.10				39		400
MANN, JUR & RUN MU#1 TOTAL	26 511	0.90	0.10	22 167[b]	21 693[b]	474			
BASAL MANNVILLE BBB	673	0.80	0.10	484	131	353	39	13 788	1 205
JURASSIC B ASSOC	467	0.80	0.15	318[b]			41		430
JURASSIC B SOLN	1 061	0.30	0.20	254[b]			41		

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
5.17	0.149	0.60	10 750	58	0.824	0.70	1 485.4	1971	1997	TCPL CAN88 PROGAS TALISMA PRODUCTION DECLINE MARGINAL OIL PRODUCTION
4.54	0.184	0.65	10 340	54	0.826	0.68	1 466.8	1961	1996	CONCURRENT PRODUCTION
						0.68		1961	1996	CONCURRENT PRODUCTION
2.17	0.166	0.60	10 330	57	0.842	0.66	1 500.5	1966	1994	MATERIAL BALANCE
2.60	0.198	0.70	10 300	57	0.836	0.68	1 492.7	1961	1987	MATERIAL BALANCE
								1961	1987	PROGAS CAN88 TARRAGN SCEPTRE TCPL NORCEN ENGAGE CONCURRENT PRODUCTION
1.69	0.174	0.70	10 380	49	0.831	0.67	1 394.8	1964	1996	PRODUCTION DECLINE
5.79	0.196	0.65	10 640	50	0.828	0.66	1 415.7	1964	1995	PRODUCTION DECLINE CONCURRENT PRODUCTION
1.10	0.179	0.50	10 640	50	0.807	0.69	1 420.4	1965	1995	PRODUCTION DECLINE CONCURRENT PRODUCTION
1.43	0.180	0.45	10 620	52	0.826	0.67	1 421.0	1965	1995	PRODUCTION DECLINE SOLN MU-U & L MANN MU#1, CONC PROD
						0.67		1965	1995	PRODUCTION DECLINE SOLN MU-U & L MANN MU#1, CONC PROD
0.61	0.160	0.50	10 620	45	0.808	0.67	1 456.6	1971	1995	PRODUCTION DECLINE
								1964	1995	TCPL CONCURRENT PRODUCTION
1.49	0.205	0.70	10 450	50	0.829	0.66	1 377.5	1965	1992	PRODUCTION DECLINE
2.67	0.202	0.65	10 450	50	0.816	0.68	1 389.1	1952	1992	PRODUCTION DECLINE SLUSH OIL
1.56	0.172	0.60	10 450	50	0.816	0.68	1 411.2	1952	1992	PRODUCTION DECLINE
1.83	0.260	0.70	9 910	49	0.806	0.71	1 409.1	1966	1992	PRODUCTION DECLINE
4.50	0.130	0.50	10 350	45	0.810	0.67	1 404.5	1982	1992	PRODUCTION DECLINE
1.22	0.220	0.70	10 340	26	0.794	0.66	1 357.0	1966	1992	PRODUCTION DECLINE
								1952	1992	AMOCO TCPL SLUSH OIL
3.43	0.192	0.75	10 350	59	0.843	0.66	1 477.1	1972	1996	TCPL MATERIAL BALANCE
4.38	0.172	0.70	9 590	58	0.843	0.68	1 503.4	1964	1992	
2.00	0.200	0.65	9 020	60	0.861	0.68	1 521.0	1964	1996	ASSIGNED WELL 7-19-33-22W4M
								1964	1995	PAWTUCK GULF PANALTA TARRAGN PROGAS SCEPTRE RENENER CAN88 TCPL
1.76	0.172	0.60	10 360	55	0.849	0.66	1 524.7	1960	1996	
4.58	0.207	0.60	10 820	58	0.826	0.70	1 475.7	1960	1992	PRODUCTION DECLINE NONCOMMERCIAL OIL
								1960	1997	TCPL
						0.68		1959	1997	TCPL CAN88 PRODUCTION DECLINE CONCURRENT PRODUCTION
1.61	0.185	0.60	10 730	51	0.812	0.68	1 453.8	1959	1997	TCPL CAN88 PRODUCTION DECLINE CONCURRENT PRODUCTION
5.34	0.200	0.55	10 650	54	0.829	0.66	1 471.2	1960	1992	TCPL PRODUCTION DECLINE
6.07	0.070	0.80	10 170	49	0.837	0.64	1 390.5	1962	1994	TCPL PROGAS PRODUCTION DECLINE
4.67	0.110	0.65	16 820	77	0.817	0.76	2 130.2	1985	1996	CRESTAR
4.45	0.114	0.75	15 500	66	0.852	0.66	1 830.8	1992	1997	
						0.66		1992	1997	
								1992	1997	PROGAS NRTHSTR
7.11	0.120	0.85	15 400	70	0.813	0.74	2 055.2	1962	1996	AMOCO TCPL CRESTAR PRODUCTION DECLINE
3.70	0.140	0.70	13 040	69	0.836	0.71	2 136.9	1977	1996	TCPL PRODUCTION DECLINE
13.93	0.123	0.80	15 930	72	0.831	0.71	2 137.6	1956	1995	MATERIAL BALANCE
4.90	0.120	0.65	16 180	75	0.830	0.72	2 095.1	1953	1995	
7.60	0.120	0.70	15 960	75	0.830	0.72	2 128.1	1961	1997	
5.85	0.209	0.75	15 980	72	0.833	0.71	2 161.7	1956	1995	MATERIAL BALANCE CONCURRENT PRODUCTION, GPP
10.36	0.150	0.70	13 820	72	0.832	0.72	2 121.9	1953	1995	PRODUCTION DECLINE
								1953	1995	CRESTAR TCPL SUMMIT PCOG GPP
1.80	0.120	0.70	17 060	62	0.788	0.74	2 029.2	1959	1996	MATERIAL BALANCE
4.85	0.122	0.70	16 060	74	0.828	0.73	2 107.9	1956	1996	MATERIAL BALANCE
1.10	0.120	0.70	15 310	73	0.775	0.83	2 045.8	1959	1996	MATERIAL BALANCE
3.60	0.180	0.80	9 660	67	0.850	0.72	1 987.6	1959	1996	MATERIAL BALANCE
5.24	0.126	0.70	16 060	71	0.822	0.73	2 119.1	1955	1996	MATERIAL BALANCE
13.90	0.083	0.75	15 700	75	0.834	0.72	2 090.7	1955	1996	MATERIAL BALANCE CONCURRENT PRODUCTION
						0.72		1955	1996	MATERIAL BALANCE CONCURRENT PRODUCTION
6.75	0.060	0.75	16 490	76	0.839	0.71	2 161.4	1956	1996	MATERIAL BALANCE
								1955	1996	SCEPTRE SHELL PANCDN TCPL PCOG ULSTER CRESTAR CONCURRENT PRODUCTION
2.98	0.158	0.75	15 490	67	0.819	0.71	1 970.8	1988	1997	
5.57	0.149	0.80	16 620	75	0.831	0.73	2 131.2	1958	1995	CONCURRENT PRODUCTION
						0.73		1958	1995	CONCURRENT PRODUCTION

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE $10^6 m^3$	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES $10^6 m^3$	NET CUMULATIVE PRODUCTION $10^6 m^3$	REMAINING ESTABLISHED RESERVES $10^6 m^3$	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	ha
GILBY 041-03W5 (CONTINUED)									
JURASSIC B ASSOC	10	0.70	0.15	6[b]			41		49
JURASSIC B TOTAL	1 538	0.45	0.15	578[b]	420[b]	158	41	6 432	
JURASSIC S	231	0.75	0.10	156			39		400
RUNDLE W ASSOC	288	0.75	0.10	194			39		776
JURASSIC S & RUNDLE W TOTAL	519	0.75	0.10	350	59	291	40	11 631	
RUNDLE H	761	0.85	0.15	550	98	452	40	18 179	1 305
OTHER	9 896			5 440	2 202	3 238		128 080	
TOTAL-GILBY	54 404			39 601	33 107	6 494		239 285	
GILWOOD 073-18W5									
PEACE RIVER A	877	0.70	0.05	583	479	104	37	3 871	4 854
OTHER	187			128	32	96		3 647	
TOTAL-GILWOOD	1 064			711	511	200		7 518	
GIROUX LAKE 066-21W5									
TOTAL-GIROUX LAKE	258			168	73	95		3 580	
GIROUXVILLE EAST 077-22W5									
TOTAL-GIROUXVILLE EAST	493			333	244	89		3 320	
GLACIER 076-12W6									
TOTAL-GLACIER	382			256		256		10 024	
GLADYS 020-27W4									
WABAMUN A	2 212	0.50	0.20	885	10	875	37	32 673	2 832
OTHER	1 140			624	183	441		17 343	
TOTAL-GLADYS	3 352			1 509	193	1 316		50 016	
GLEICHEN 022-21W4									
MEDICINE HAT A	1 583	0.60	0.03	922			36		23 145
BELLY RIVER C	1 340	0.55	0.05	700			37		5 455
BELLY RIVER F	324	0.80	0.05	246			37		2 141
BELLY RIVER G	23	0.70	0.05	15			37		250
SE ALTA GAS SYS(MU) TOTAL	3 270	0.60	0.05	1 883	883	1 000	36	36 470	
GLAUCONITIC J	491	0.80	0.10	354			39		1 125
LOWER MANNVILLE B	21	0.75	0.10	14			39		150
GLAUC J & L MANN B TOTAL	512	0.80	0.10	368	346	22	39	863	
OTHER	562			373	162	211		8 011	
TOTAL-GLEICHEN	4 344			2 624	1 391	1 233		45 344	
GLEN PARK 049-27W4									
TOTAL-GLEN PARK	821			457	302	155		6 173	
GLENEVIS 055-04W5									
BANFF C	385	0.85	0.05	311	91	220	39	8 600	400
OTHER	541			222	56	166		6 357	
TOTAL-GLENEVIS	926			533	147	386		14 957	
GLOVER 075-09W4									
TOTAL-GLOVER	392			193	43	150		5 449	
GODIN 081-01W5									
WABAMUN A	888	0.60	0.05	506	209	297	37	11 022	3 184
WABAMUN B	472	0.90	0.05	404	18	386	38	14 490	400
OTHER	332			190	39	151		5 666	
TOTAL-GODIN	1 692			1 100	266	834		31 178	
GOLD CREEK 067-05W6									
BLUESKY A	1 003	0.90	0.20	722	42	680	40	27 044	2 716
BLUESKY-GETHING A	2 457	0.70	0.05	1 634	1 500	134	40	5 353	5 591
NIKA 09-070-05	541	0.85	0.10	414		414	40	16 448	200
CHARLIE LAKE I	316	0.85	0.10	242			39		400
BELLOY A	223	0.80	0.10	160			38		450
CH LK I & BELLOY A TOTAL	539	0.85	0.10	402	113	289	39	11 205	
WABAMUN A	1 112	0.90	0.30	701	589	112	39	4 344	200
WABAMUN G	1 280	0.85	0.25	816	61	755	38	28 562	200
WABAMUN H	2 354	0.75	0.25	1 325	8	1 317	38	49 822	200
WABAMUN I	855	0.75	0.20	513	9	504	37	18 396	400
WABAMUN J	1 618	0.85	0.25	1 031	11	1 020	38	38 872	200

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
1.00	0.160	0.80	16 520	71	0.818	0.74	2 122.8	1958	1996	ASSIGNED WELL 14-17-40-3W5
								1958	1995	CRESTAR TCPL PANALTA CONCURRENT PRODUCTION
7.00	0.119	0.45	15 290	70	0.822	0.72	1 935.7	1984	1996	
4.04	0.070	0.75	16 700	63	0.808	0.73	1 934.9	1984	1996	
								1984	1996	GAS PRODUCED BEFORE OIL DISC
5.37	0.080	0.75	19 360	83	0.854	0.73	2 225.2	1963	1997	CDNFRST PROGAS ENGAGE NORCEN QUEBEC
3.01	0.211	0.55	4 720	29	0.919	0.57	758.4	1956	1996	PROGAS NORCEN PRODUCTION DECLINE
8.22	0.051	0.85	23 700	82	0.866	0.80	2 516.1	1961	1996	PAWTUCK IOL PANCDN SCEPTRE TCPL GARDNER CRESTAR
1.05	0.170	0.55	4 310	17	0.916	0.56	806.9	1904	1996	PART OF MED HAT POOL NO.1 PRODUCTION DECLINE
6.05	0.213	0.45	4 110	25	0.926	0.56	611.7	1978	1997	
4.79	0.220	0.45	3 100	21	0.941	0.56	536.8	1978	1997	
3.00	0.210	0.40	3 620	23	0.933	0.56	563.5	1983	1995	
								1904	1997	HUSKY PANALTA PROGAS PANCDN TCPL ENGAGE CRESTAR
1.22	0.181	0.75	10 830	50	0.832	0.65	1 348.4	1963	1992	PRODUCTION DECLINE
2.10	0.160	0.55	9 840	43	0.835	0.64	1 371.9	1976	1992	PRODUCTION DECLINE
								1963	1992	TCPL PROGAS
8.20	0.148	0.70	10 700	48	0.837	0.63	1 332.1	1970	1996	PANALTA
11.59	0.150	0.70	2 250	19	0.956	0.57	475.0	1975	1996	PROGAS APACHE
11.50	0.151	0.70	8 370	17	0.845	0.57	426.5	1994	1996	NONCOMMERCIAL OIL
3.03	0.109	0.70	16 250	73	0.836	0.68	1 731.7	1981	1996	PROGAS DEEP CUT SL
2.56	0.106	0.65	22 100	70	0.858	0.67	2 152.8	1964	1996	PROGAS AEC CHEL PCOG PRODUCTION DECLINE
23.50	0.110	0.65	16 310	69	0.843	0.65	1 930.2	1989	1994	PROGAS
4.00	0.124	0.85	20 420	81	0.876	0.66	2 229.1	1994	1997	
3.87	0.086	0.70	24 350	81	0.919	0.62	2 491.7	1994	1997	
								1994	1997	
31.70	0.070	0.90	35 410	99	0.972	1.12	3 284.1	1965	1997	PCOG
38.00	0.080	0.85	29 460	97	0.914	0.87	3 276.7	1995	1997	
37.80	0.140	0.90	29 010	95	0.907	0.87	3 192.3	1995	1995	
12.75	0.072	0.90	33 870	101	0.996	0.80	3 180.7	1980	1996	NONCOMMERCIAL OIL
420.00	0.090	0.90	33 530	106	0.958	0.94	3 793.0	1996	1997	PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10⁶m³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10⁶m³	NET CUMULATIVE PRODUCTION 10⁶m³	REMAINING ESTABLISHED RESERVES 10⁶m³	GROSS HEAT VALUE MJ/m³	REMAINING ENERGY CONTENT TJ	ha
GOLD CREEK 067-05W6 (CONTINUED)									
OTHER	4 346			2 818	887	1 931		75 070	
TOTAL-GOLD CREEK	16 105			10 376	3 220	7 156		275 116	
GOLDEN 086-15W5									
TOTAL-GOLDEN	160			36	32	4		147	
GOLDEN SPIKE 051-27W4									
D-1 A	920	0.85	0.10	704	456	248	39	9 689	438
D-3 A SOLN	6 017	0.82	0.45	2 714[b]			42		
D-3 A ASSOC		0.90	0.10		2 620[b]	94	42	3 976	
OTHER	2 721			1 659	868	791		30 821	
TOTAL-GOLDEN SPIKE	9 658			5 077	3 944	1 133		44 486	
GOODFISH 091-09W5									
BLUESKY A	1 099	0.60	0.05	626			37		8 313
WABAMUN A	517	0.55	0.05	270			37		6 363
BLUESKY A & WABAMUN A TOTAL	1 616	0.60	0.05	896	349	547	37	20 217	
OTHER	280			152	102	50		1 865	
TOTAL-GOODFISH	1 896			1 048	451	597		22 082	
GOODLOW 084-26W4									
TOTAL-GOODLOW	784			402	204	198		7 388	
GOODRIDGE 061-02W5									
TOTAL-GOODRIDGE	466			297	167	130		4 963	
GOODWIN 059-13W5									
BASAL QUARTZ B	565	0.85	0.10	432	423	9	39	353	1 326
JURASSIC A	688	0.80	0.10	495		495	38	18 602	1 289
OTHER	530			294	116	178		6 984	
TOTAL-GOODWIN	1 783			1 221	539	682		25 939	
GOOSE RIVER 067-18W5									
VIKING A	432	0.85	0.05	349	52	297	38	11 233	2 264
BEAVERHILL LAKE A SOLN	2 791	0.43	0.40	720[b]			41		
BEAVERHILL LAKE A ASSOC		0.80	0.10		650[b]	70	41	2 904	
TOTAL-GOOSE RIVER	3 223			1 069	702	367		14 137	
GOPHER (SA) 081-19W4									
TOTAL-GOPHER	34			16		16		601	
GORDONDALE 079-10W6									
PEACE RIVER	989	0.85	0.05	799			39		3 717
NOTIKEWIN B	109	0.75	0.05	78			39		200
GETHING A	811	0.80	0.03	630			39		1 822
CADOMIN E	167	0.70	0.05	111			39		150
PR.NOT B.GETH A&CAD E TOTAL	2 076	0.80	0.05	1 618	1 392	226	39	8 751	
GETHING B	424	0.85	0.05	342	336	6	37	223	150
HALFWAY O	114	0.80	0.10	82			39		200
DOIG A	807	0.90	0.15	617			40		1 409
HALFWAY O & DOIG A TOTAL	921	0.90	0.15	699	40	659	40	26 202	
KISKATINAW B		0.90	0.05				38		383
KISKATINAW B		0.90	0.05				38		1 699
KISKATINAW B TOTAL	2 211	0.90	0.05	1 891	1 842	49	38	1 843	
OTHER	4 675			3 016	797	2 219		85 698	
TOTAL-GORDONDALE	10 307			7 566	4 407	3 159		122 717	
GRAHAM 079-04W4									
MCMURRAY B	950	0.60	0.05	542			37		3 203
MCMURRAY E	9	0.60	0.05	5			37		678
MCMURRAY B & E TOTAL	959	0.60	0.05	547	465	82	37	3 041	
OTHER	902			430	278	152		5 601	
TOTAL-GRAHAM	1 861			977	743	234		8 642	
GRAINDALE 026-01W4									
TOTAL-GRAINDALE	221			148	11	137		5 144	
GRAND FORKS 011-13W4									
TOTAL-GRAND FORKS	2 499			1 096	347	749		25 747	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
6.15	0.175	0.75	9 920	53	0.843	0.69	1 385.4	1949	1996	TCPL IOL MATERIAL BALANCE
						0.86		1949	1997	CWNGNUL IOL CONC PROD, PREV GAS CYCLING
						0.86		1949	1997	CWNGNUL IOL CONC PROD, PREV GAS CYCLING
3.49	0.278	0.70	1 860	10	0.960	0.57	342.5	1976	1997	NONCOMMERCIAL OIL
4.73	0.130	0.65	1 930	9	0.958	0.57	351.1	1976	1997	
								1976	1997	
4.32	0.156	0.75	13 590	67	0.825	0.71	1 610.8	1980	1996	PANALTA TCPL HUSKY CRESTAR PRODUCTION DECLINE
4.99	0.200	0.40	14 030	69	0.873	0.65	1 784.1	1956	1975	PCOG TCPL CRESTAR
1.83	0.185	0.60	9 460	53	0.879	0.60	1 208.4	1964	1994	CRESTAR TCPL PANALTA TALISMA
						0.70		1963	1994	GAS BREAKTHRU, GPP
						0.70		1963	1994	GAS BREAKTHRU, GPP
4.48	0.189	0.70	4 320	31	0.914	0.61	834.8	1952	1974	MATERIAL BALANCE
7.40	0.145	0.65	7 700	44	0.882	0.58	959.2	1957	1996	
2.81	0.160	0.60	9 210	47	0.865	0.60	1 306.8	1956	1997	MATERIAL BALANCE
7.40	0.160	0.75	12 220	53	0.851	0.60	1 441.1	1974	1996	
								1952	1996	
9.75	0.120	0.70	11 240	39	0.836	0.62	1 325.2	1957	1996	PRODUCTION DECLINE
5.00	0.100	0.65	17 650	67	0.845	0.66	1 792.0	1980	1996	
4.56	0.091	0.80	16 440	65	0.802	0.74	1 754.9	1980	1997	
								1980	1997	
5.93	0.110	0.80	21 360	96	0.923	0.62	2 309.5	1981	1995	PRODUCTION DECLINE
6.99	0.082	0.80	21 450	96	0.921	0.63	2 335.9	1981	1995	PRODUCTION DECLINE
								1981	1995	HUSKY DIRECT PROGAS PANALTA CNRL
6.72	0.301	0.80	1 770	12	0.963	0.56	232.5	1976	1997	
0.45	0.292	0.55	1 660	8	0.963	0.56	231.1	1976	1996	
								1976	1996	PARAMNT PANALTA TCPL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	ha
GRANDE PRAIRIE 073-06W6									
HALFWAY A SOLN	886	0.70	0.40	372	346	26	40	1 039	
MONTNEY C	425	0.85	0.15	307	138	169	39	6 579	400
MONTNEY D	1 368	0.85	0.25	872	169	703	40	27 790	930
MONTNEY E	1 266	0.75	0.20	760	108	652	40	25 969	673
MONT 31-072-05	617	0.85	0.20	419		419	39	16 546	200
OTHER	2 602			1 709	-5	1 714		67 689	
TOTAL-GRANDE PRAIRIE	7 164			4 439	756	3 683		145 612	
GRANLEA 008-10W4									
BOW ISLAND A	1 362	0.85	0.05	1 100	1 090	10	36	358	4 502
OTHER	296			210	101	109		3 940	
TOTAL-GRANLEA	1 658			1 310	1 191	119		4 298	
GRANOR 083-18W4									
GROSMONT A	1 795	0.40	0.05	682	671	11	37	408	22 178
OTHER	527			338	246	92		2 924	
TOTAL-GRANOR	2 322			1 020	917	103		3 332	
GRANUM 011-26W4									
TOTAL-GRANUM	647			399	132	267		10 229	
GRASSLAND 067-19W4									
WABAMUN-WINTERBURN A	551	0.70	0.05	367	88	279	37	10 340	2 489
OTHER	1 160			692	552	140		5 219	
TOTAL-GRASSLAND	1 711			1 059	640	419		15 559	
GREENCOURT 059-09W5									
JURASSIC A ASSOC		0.70	0.10				40		4 014
JURASSIC A ASSOC		0.70	0.10				40		1 563
PEKISKO A ASSOC		0.55	0.10				40		2 325
PEKISKO A SOLN	160	0.65	0.50	52^b			40		
JURASSIC A&PEKISKO A TOTAL	7 237	0.65	0.10	4 192^b	4 160^b	32			
PEKISKO F	1 051	0.65	0.10	615	511	104	40	4 179	625
OTHER	1 410			1 016	379	637		25 306	
TOTAL-GREENCOURT	9 698			5 823	5 050	773		29 485	
GREENCOURT EAST 059-06W5									
JURASSIC A ASSOC	811	0.75	0.10	547	494	53	39	2 072	998
OTHER	356			239	96	143		5 466	
TOTAL-GREENCOURT EAST	1 167			786	590	196		7 538	
GRIMSHAW 083-23W5									
TOTAL-GRIMSHAW	355			257	111	146		5 441	
GRIST 073-08W4									
GRAND RAPIDS A	859	0.55	0.05	448	87	361	37	13 256	11 041
OTHER	81			43	4	39		1 432	
TOTAL-GRIST	940			491	91	400		14 688	
GRIZZLY 062-22W5									
TOTAL-GRIZZLY	314			215	126	89		3 590	
GROAT 057-16W5									
LEDUC B	1 657	0.35	0.35	377	356	21	36	766	1 014
OTHER	875			576	106	470		18 597	
TOTAL-GROAT	2 532			953	462	491		19 363	
GROUARD 075-15W5									
TOTAL-GROUARD	203			136		136		5 126	
GROUSE 074-12W4									
TOTAL-GROUSE	495			271	32	239		8 877	
GUNN 055-03W5									
TOTAL-GUNN	121			79	79				

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
						0.73		1979	1996	PROGAS AMOCO NORCEN TALISMA
5.75	0.130	0.85	17 570	77	0.854	0.70	2 068.8	1994	1995	
8.25	0.113	0.85	18 630	78	0.813	0.77	2 083.6	1993	1997	
12.94	0.128	0.65	17 280	70	0.820	0.71	1 974.7	1993	1997	
36.50	0.110	0.50	15 100	73	0.808	0.77	2 006.6	1993	1996	
2.07	0.220	0.60	5 650	26	0.905	0.59	683.8	1971	1996	AMOCO CWNGNUL PANALTA CANST ENGAGE CRESTAR PRODUCTION DECLINE
14.77	0.176	0.90	1 200	12	0.974	0.57	319.3	1976	1996	NORCEN PANALTA PRODUCTION DECLINE
4.50	0.255	0.65	2 910	22	0.945	0.56	546.9	1958	1996	AMOCO TCPL RENENER
6.24	0.149	0.55	11 160	62	0.850	0.67	1 437.0	1961	1995	PRODUCTION DECLINE DEEP CUT SL
5.95	0.197	0.70	10 420	62	0.856	0.67	1 461.5	1961	1995	PRODUCTION DECLINE DEEP CUT SL
10.75	0.145	0.85	11 150	62	0.850	0.66	1 458.5	1961	1992	PRODUCTION DECLINE CONCURRENT PRODUCTION, DEEP CUT SL
						0.66		1961	1992	PRODUCTION DECLINE CONCURRENT PRODUCTION, DEEP CUT SL
								1961	1995	CNRL TCPL ENGAGE CRESTAR CONCURRENT PRODUCTION, DEEP CUT SL
5.42	0.125	0.70	5 300	61	0.915	0.66	1 479.7	1990	1996	CNRL TCPL PRODUCTION DECLINE
2.72	0.190	0.65	10 720	50	0.830	0.67	1 227.8	1980	1997	DYNALTA PROGAS CRESTAR PRODUCTION DECLINE OIL DEPLETED
2.49	0.303	0.65	1 580	19	0.970	0.56	325.4	1979	1997	AEC
10.69	0.075	0.90	26 890	104	0.868	0.94	3 019.6	1985	1995	GULF PRODUCTION DECLINE DEEP CUT SL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE $10^6 m^3$	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES $10^6 m^3$	5 NET CUMULATIVE PRODUCTION $10^6 m^3$	6 REMAINING ESTABLISHED RESERVES $10^6 m^3$	7 GROSS HEAT VALUE MJ/m^3	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
GUTAH 099-07W6									
TOTAL-GUTAH	91			61		61		2 237	
HACKETT 035-17W4									
UPPER MANNVILLE A ASSOC	596	0.75	0.10	402[b]			39		870
UPPER MANNVILLE A SOLN	51	0.65	0.10	30[b]			39		
UPPER MANNVILLE A TOTAL	647	0.75	0.10	432[b]	371[b]	61	39	2 391	
LOWER MANNVILLE A	796	0.80	0.09	580	575	5	39	193	610
OTHER	851			519	211	308		11 794	
TOTAL-HACKETT	2 294			1 531	1 157	374		14 378	
HAIRY HILL 055-14W4									
COLONY W	1 900	0.72	0.05	1 300	1 237	63	37	2 333	1 781
COLONY X	954	0.65	0.05	589	565	24	37	898	1 941
D-2 B	729	0.70	0.05	485	464	21	37	784	1 519
D-2 C	615	0.65	0.05	380	307	73	37	2 710	969
CAMROSE A	892	0.65	0.05	551	536	15	37	560	4 004
OTHER	3 081			1 805	1 384	421		15 768	
TOTAL-HAIRY HILL	8 171			5 110	4 493	617		23 053	
HALKIRK 038-16W4									
UPPER MANNVILLE R SOLN	270	0.65	0.15	150[b]			39		
UPPER MANNVILLE R ASSOC	322	0.80	0.10	232[b]	100[b]	282	39	11 102	348
UPPER MANNVILLE I ASSOC	314	0.80	0.10	226[b]			38		373
UPPER MANNVILLE I SOLN	379	0.52	0.10	177[b]			38		
UPPER MANNVILLE I ASSOC	3	0.70	0.10	2[b]			38		16
UPPER MANNVILLE I TOTAL	696	0.65	0.10	405[b]	177[b]	228	38	8 623	
OTHER	2 521			1 544	462	1 082		39 847	
TOTAL-HALKIRK	3 809			2 331	739	1 592		59 572	
HALKIRK EAST 040-14W4									
TOTAL-HALKIRK EAST	1 529			930	331	599		20 701	
HALLIDAY 028-14W4									
TOTAL-HALLIDAY	262			179	136	43		1 604	
HAMBURG 095-11W6									
SLAVE POINT A	12 273	0.85	0.05	9 910	8 030	1 880	38[a]	70 932	4 646
SLAVE POINT C	1 156	0.90	0.15	884	699	185	40	7 385	400
SLAVE POINT F	1 335	0.90	0.15	1 022	111	911	40	36 558	200
SLAVE POINT I	901	0.90	0.10	730	204	526	39	20 751	200
SLAVE POINT J	457	0.90	0.25	308	41	267	47	12 498	200
SLAVE POINT L	638	0.60	0.10	345	166	179	39	7 062	200
SLAVE POINT E	822	0.90	0.10	666			40		818
GILWOOD A	143	0.75	0.10	96			37		200
SL PT E & GLWD A TOTAL	965	0.90	0.10	762	151	611	40	24 177	
OTHER	1 268			917	398	519		20 446	
TOTAL-HAMBURG	18 993			14 878	9 800	5 078		199 809	
HAMELIN CREEK 080-06W6									
TOTAL-HAMELIN CREEK	925			608	289	319		11 129	
HANGINGSTONE 084-09W4									
UPPER MANNVILLE A	3 000	0.50	0.05	1 425	1 014	411	37	15 228	29 943
MCMURRAY D	873	0.55	0.05	456	339	117	37	4 372	2 847
OTHER	3 445			1 805	770	1 035		38 650	
TOTAL-HANGINGSTONE	7 318			3 686	2 123	1 563		58 250	
HANLAN 047-17W5									
CARDIUM A	488	0.90	0.15	373		373	41	15 118	200
WINTERBURN B	859	0.75	0.10	580	572	8	37	300	200
BEAVERHILL LAKE A	42 000	0.85	0.25	26 775	15 869	10 906	38	412 683	8 905
BEAVERHILL LAKE B	4 706	0.85	0.25	3 000	1 568	1 432	38	53 972	1 309
OTHER	769			583		583		23 401	
TOTAL-HANLAN	48 822			31 311	18 009	13 302		505 474	
HANNA 031-14W4									
SECOND WHITE SPECKS E	535	0.65	0.05	331	1	330	37	12 118	1 024
UPPER MANNVILLE E		0.70	0.10				38		300
LOWER MANNVILLE F		0.80	0.10				39		2 807

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
3.63	0.207	0.65	8 060	38	0.837	0.66	1 159.4	1974	1996	PRODUCTION DECLINE CONCURRENT PRODUCTION
						0.66		1974	1996	PRODUCTION DECLINE CONCURRENT PRODUCTION
								1974	1996	TCPL CONCURRENT PRODUCTION
10.82	0.181	0.70	8 400	44	0.849	0.66	1 167.8	1952	1997	TCPL PRODUCTION DECLINE
8.26	0.295	0.85	4 340	25	0.919	0.58	538.3	1954	1985	TCPL CWNGNUL NORCEN MATERIAL BALANCE
5.40	0.293	0.75	4 190	27	0.924	0.58	562.1	1972	1985	TCPL CWNGNUL NORCEN PRODUCTION DECLINE
5.98	0.192	0.60	3 890	27	0.931	0.57	626.6	1952	1997	CWNGNUL TCPL PRODUCTION DECLINE
8.28	0.198	0.75	3 890	28	0.932	0.57	661.5	1984	1996	TCPL ENGAGE PRODUCTION DECLINE
3.25	0.213	0.60	3 940	29	0.931	0.56	659.3	1973	1984	TCPL CWNGNUL NORCEN POCO PRODUCTION DECLINE
						0.67		1991	1994	PANCDN GPP
5.44	0.226	0.80	8 800	46	0.835	0.67	1 252.8	1991	1994	PANCDN GPP
5.44	0.214	0.75	9 200	46	0.850	0.65	1 227.9	1984	1997	GPP
						0.65		1984	1997	GPP
1.10	0.210	0.70	9 150	46	0.851	0.65	1 237.5	1984	1997	ASSIGNED WELL 14-35-037-17W4M
								1984	1997	PANCDN POCO GPP
18.53	0.104	0.90	26 180	112	0.974	0.61	2 539.8	1983	1996	CRESTAR SHELL DART GULF TALISMA MATERIAL BALANCE
17.10	0.070	0.90	30 330	83	0.919	0.83	2 535.5	1990	1995	NRTHSTR PRODUCTION DECLINE
31.50	0.150	0.70	24 840	112	0.909	0.77	2 541.1	1993	1995	POCO NRTHSTR
17.50	0.110	0.90	30 450	83	0.935	0.74	2 548.0	1994	1996	
9.80	0.120	0.75	32 780	113	0.933	1.01	2 538.0	1994	1995	TOP/BASE TVD
24.50	0.070	0.80	25 700	82	0.886	0.74	2 466.2	1995	1997	
7.83	0.060	0.85	29 000	84	0.918	0.73	2 574.6	1985	1996	
3.80	0.130	0.65	25 950	85	0.929	0.66	2 653.9	1986	1991	
								1985	1996	SHELL
3.48	0.333	0.70	970	12	0.980	0.56	306.7	1974	1995	PARAMNT CANST NRTHSTR PRODUCTION DECLINE
3.63	0.302	0.75	1 860	14	0.961	0.56	441.1	1975	1996	CDNFRST NRTHSTR PRODUCTION DECLINE
9.45	0.140	0.85	23 010	85	0.843	0.79	2 653.5	1974	1994	PANALTA PROGAS
44.30	0.070	0.85	60 690	123	1.284	0.61	4 133.0	1980	1995	PANALTA MATERIAL BALANCE TOP/BASE TVD
19.79	0.092	0.90	43 870	143	1.094	0.72	4 624.5	1976	1994	PANALTA AEC TALISMA MATERIAL BALANCE
10.76	0.072	0.90	43 840	138	1.094	0.72	4 745.1	1979	1997	PANALTA AEC TALISMA MATERIAL BALANCE
4.09	0.140	0.50	6 250	34	0.904	0.57	902.7	1953	1997	NORCEN PANALTA RENENER TCPL CRESTAR CDNFRST PART OF 2WS POOL NO.2
2.60	0.250	0.65	8 570	42	0.851	0.64	1 127.4	1972	1996	PRODUCTION DECLINE
1.66	0.236	0.70	8 700	43	0.849	0.65	1 150.9	1949	1996	PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	ha
HANNA 031-14W4 (CONTINUED)									
U MANN E & L MANN F TOTAL	1 282	0.80	0.10	900	875	25	39	966	
OTHER	1 127			743	224	519		19 353	
TOTAL-HANNA	2 944			1 974	1 100	874		32 437	
HARDY 077-04W4									
MCMURRAY A		0.50	0.05				37		16 467
MCMURRAY D		0.55	0.05				37		406
MCMURRAY E		0.50	0.05				38		7 330
MCMURRAY J		0.55	0.05				37		1 181
MCMURRAY K		0.50	0.05				37		424
MCMURRAY L		0.50	0.05				37		2 732
MCMURRAY N		0.50	0.05				37		2 132
MCMURRAY O		0.50	0.05				37		4 684
MCMURRAY Q		0.50	0.05				37		725
MCMURRAY R		0.55	0.05				37		200
MCMURRAY S		0.50	0.05				37		1 346
MCMURRAY U		0.50	0.05				37		200
MCMURRAY MU #1 TOTAL	6 524	0.50	0.05	3 163	2 789	374	37	13 950	
OTHER	1 034			529	143	386		14 333	
TOTAL-HARDY	7 558			3 692	2 932	760		28 283	
HARLEY 056-27W5									
TOTAL-HARLEY	63			42		42		1 626	
HARMATTAN EAST 032-03W5									
VIKING E SOLN	379	0.40	0.50	76[b]			40		
VIKING E ASSOC	890	0.60	0.10	481[b]	397[b]	160	40	6 406	2 272
RUNDLE SOLN	5 787	0.38	0.30	1 539[b]			41[a]		
RUNDLE ASSOC	36 252	c	c	28 000[b]	23 024[b]	6 515	41[a]	266 659	21 869
RUNDLE C	397	0.85	0.10	303	74	229	39	9 013	200
OTHER	958			667	146	521		21 186	
TOTAL-HARMATTAN EAST	44 663			31 066	23 641	7 425		303 264	
HARMATTAN-ELKTON 031-04W5									
RUNDLE B SOLN	18	0.65	0.30	8[b]			40		
RUNDLE B ASSOC	2 353	0.85	0.15	1 700[b]	1 018[b]	690	40	27 766	2 643
RUNDLE C SOLN	5 143	0.65	0.30	2 340[b]			41[a]		
RUNDLE C ASSOC	31 326	c	c	23 300[b]	18 265[b]	7 375	41[a]	305 915	7 020
RUNDLE A	1 389	0.75	0.14	896	809	87	39	3 380	849
D-3 A	13 400	0.28	0.79	788	683	105	36	3 761	4 527
OTHER	12			8		8		310	
TOTAL-HARMATTAN-ELKTON	53 641			29 040	20 775	8 265		341 132	
HARO 101-03W6									
BLUESKY A	1 493	0.85	0.05	1 206	1 190	16	37	588	28 000
OTHER	1 675			1 071	515	556		20 145	
TOTAL-HARO	3 168			2 277	1 705	572		20 733	
HARPER 097-24W4									
GROSMONT A	526	0.60	0.05	300		300	37	10 974	10 763
OTHER	331			189		189		6 914	
TOTAL-HARPER	857			489		489		17 888	
HARTELL 019-02W5									
TOTAL-HARTELL	364			77	77				
HASTINGS 050-20W4									
TOTAL-HASTINGS	418			278	129	149		5 596	
HAYNES 038-24W4									
TOTAL-HAYNES	1 113			553	104	449		16 874	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
								1949	1996	NORCEN TCPL CRESTAR
2.53	0.297	0.65	1 880	15	0.962	0.56	331.6	1979	1996	PRODUCTION DECLINE
2.10	0.288	0.70	1 970	10	0.957	0.56	386.1	1984	1996	PRODUCTION DECLINE
3.73	0.290	0.70	1 950	15	0.957	0.59	341.8	1984	1996	PRODUCTION DECLINE
2.67	0.288	0.60	1 970	15	0.960	0.55	342.9	1986	1996	PRODUCTION DECLINE
1.66	0.310	0.60	1 990	15	0.959	0.55	345.8	1986	1996	PRODUCTION DECLINE
1.74	0.287	0.60	1 780	13	0.963	0.56	297.4	1983	1996	PRODUCTION DECLINE
3.57	0.317	0.75	1 860	13	0.961	0.56	333.3	1986	1996	PRODUCTION DECLINE
6.87	0.309	0.75	1 780	13	0.963	0.56	307.9	1983	1996	PRODUCTION DECLINE
3.67	0.268	0.75	1 740	14	0.964	0.56	321.6	1988	1996	PRODUCTION DECLINE
3.90	0.330	0.80	1 830	15	0.963	0.56	342.6	1988	1996	PRODUCTION DECLINE
3.44	0.308	0.70	1 890	17	0.963	0.57	325.1	1980	1996	PRODUCTION DECLINE
3.60	0.310	0.55	1 700	10	0.963	0.56	334.1	1993	1996	PRODUCTION DECLINE
								1979	1996	DUKE CGGS CONFRST IOL NRTHSTR CANOXY PANALTA QUEBEC AEL
						0.68		1962	1992	AMOCO TCPL APACHE NORCEN PRODUCTION DECLINE CONCURRENT PRODUCTION
1.92	0.106	0.65	8 310	66	0.870	0.68	2 086.9	1962	1992	AMOCO TCPL APACHE NORCEN PRODUCTION DECLINE CONCURRENT PRODUCTION
						0.82		1954	1994	AMOCO PROGAS NORCEN APACHE TCPL PANALTA CONC PROD, PREV GAS CYCLING, BLOWDOWN
8.59	0.086	0.80	23 600	91	0.844	0.82	2 550.5	1954	1994	AMOCO PROGAS NORCEN APACHE TCPL PANALTA CONC PROD, PREV GAS CYCLING, BLOWDOWN
7.80	0.130	0.85	23 530	68	0.851	0.71	2 459.4	1974	1995	TCPL SLUSH OIL
						0.71		1960	1986	AMOCO TCPL TALISMA PRODUCTION DECLINE CONCURRENT PRODUCTION, OIL DEPLETED
1.61	0.107	0.80	23 670	91	0.896	0.71	2 726.5	1960	1986	AMOCO TCPL TALISMA PRODUCTION DECLINE CONCURRENT PRODUCTION, OIL DEPLETED
						0.71		1954	1983	AMOCO TCPL PANALTA NORCEN TALISMA CONCURRENT PRODUCTION, GAS CYCLING
21.20	0.109	0.90	25 030	94	0.873	0.71	2 739.5	1954	1983	AMOCO TCPL PANALTA NORCEN TALISMA CONCURRENT PRODUCTION, GAS CYCLING
8.63	0.120	0.80	24 790	88	0.907	0.71	2 780.4	1957	1996	TCPL PRODUCTION DECLINE
22.22	0.050	0.90	32 230	110	0.779	0.92	3 351.6	1961	1983	AMOCO TCPL NORCEN TALISMA MATERIAL BALANCE
2.53	0.193	0.40	3 100	20	0.939	0.59	468.8	1973	1997	CWNGNUL PRODUCTION DECLINE
7.31	0.143	0.45	1 040	18	0.979	0.58	560.1	1981	1996	CANST PARAMNT BER

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS	2	3	4 MARKETABLE GAS	5	6	7	8	9
	INITIAL VOLUME IN PLACE 10⁶m³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10⁶m³	NET CUMULATIVE PRODUCTION 10⁶m³	REMAINING ESTABLISHED RESERVES 10⁶m³	GROSS HEAT VALUE MJ/m³	REMAINING ENERGY CONTENT TJ	AREA ha
HAYS 013-14W4									
ARCS R	552	0.85	0.25	352	7	345	35	12 103	400
OTHER	1 606			732	108	624		20 956	
TOTAL-HAYS	2 158			1 084	115	969		33 059	
HAYTER 041-01W4									
DINA B SOLN	909	0.65	0.10	532	4	528	39	20 566	
OTHER	888			512	134	378		13 301	
TOTAL-HAYTER	1 797			1 044	138	906		33 867	
HEART LAKE 069-10W4									
TOTAL-HEART LAKE	793			398	309	89		3 265	
HEART RIVER 077-16W5									
PADDY A	900	0.50	0.05	428	276	152	37	5 685	2 874
NOTIKEWIN	1 800	0.72	0.05	1 231	1 228	3	37	112	3 802
OTHER	297			197	115	82		3 061	
TOTAL-HEART RIVER	2 997			1 856	1 619	237		8 858	
HEATHDALE 027-08W4									
GLAUCONITIC F	976	0.85	0.05	789	18	771	38	28 959	1 988
OTHER	3 755			2 535	709	1 826		66 830	
TOTAL-HEATHDALE	4 731			3 324	727	2 597		95 789	
HECTOR 016-17W4									
TOTAL-HECTOR	1 321			901	220	681		25 858	
HELDAR 058-07W5									
NORDEGG B	1 008	0.50	0.15	428	421	7	39	272	1 956
OTHER	1 143			781	360	421		16 193	
TOTAL-HELDAR	2 151			1 209	781	428		16 465	
HELMSDALE 026-05W4									
TOTAL-HELMSDALE	165			108	29	79		2 927	
HERCULES 051-23W4									
TOTAL-HERCULES	796			498	167	331		12 097	
HERRONTON 019-26W4									
BELLY RIVER A		0.85	0.05				36		9 782
BELLY RIVER B		0.85	0.05				36		2 491
BELLY RIVER A & B TOTAL	1 803	0.85	0.05	1 473	1 271	202	36	7 351	
TURNER VALLEY K SOLN	467	0.65	0.45	167[b]			40		
TURNER VALLEY K ASSOC	920	0.80	0.10	662[b]	19[b]	810	40	32 303	506
TURNER VALLEY E	586	0.90	0.10	474	49	425	39	16 703	200
OTHER	2 609			1 624	465	1 159		44 862	
TOTAL-HERRONTON	6 385			4 400	1 804	2 596		101 219	
HIGH PRAIRIE 073-16W5									
TOTAL-HIGH PRAIRIE	201			134		134		4 986	
HIGH RIVER 018-29W4									
TOTAL-HIGH RIVER	216			138		138		5 388	
HIGHLAND 029-01W4									
TOTAL-HIGHLAND	69			49		49		1 786	
HIGHVALE 051-04W5									
NORDEGG D	19	0.80	0.10	14			40		128
BANFF H SOLN	726	0.65	0.15	401			42		
NORDEGG D & BANFF H TOTAL	745	0.65	0.15	415	75	340	42	14 250	
OTHER	3 925			2 459	1 264	1 195		46 808	
TOTAL-HIGHVALE	4 670			2 874	1 339	1 535		61 058	
HILL 086-11W6									
TOTAL-HILL	164			117	61	56		2 159	
HINES 086-03W6									
SPIRIT RIVER F	1 538	0.55	0.05	804	650	154	38	5 815	3 228
OTHER	1 691			1 057	668	389		14 584	
TOTAL-HINES	3 229			1 861	1 318	543		20 399	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
9.75	0.140	0.85	11 030	49	0.819	0.86	1 337.8	1985	1996	NORCEN
						0.66		1969	1997	NORCEN GPP
2.56	0.269	0.75	1 870	21	0.964	0.55	488.6	1952	1989	CRESTAR PANALTA CGGS CNWE MATERIAL BALANCE
4.67	0.322	0.70	3 270	24	0.940	0.56	530.4	1952	1995	CRESTAR PANALTA CGGS CNWE PRODUCTION DECLINE SLUSH OIL
2.28	0.301	0.70	9 570	38	0.856	0.60	1 000.5	1983	1996	PROGAS TCPL CANST PINCL
4.34	0.169	0.60	11 160	50	0.829	0.66	1 264.1	1980	1994	DIRECT PROGAS CRESTAR ENGAGE PRODUCTION DECLINE DEEP CUT SL
4.15	0.212	0.65	3 280	35	0.948	0.57	908.9	1973	1993	PRODUCTION DECLINE
3.01	0.187	0.55	3 310	35	0.948	0.57	995.4	1973	1993	PRODUCTION DECLINE
								1973	1993	NORCEN CRESTAR PANCDN WASCANA IOL CWNGNUL
						0.70		1994	1997	CONCURRENT PRODUCTION
6.62	0.176	0.85	17 040	54	0.807	0.70	1 819.8	1994	1997	CONCURRENT PRODUCTION
16.00	0.130	0.80	15 450	49	0.775	0.71	1 741.4	1990	1994	CRESTAR NORCEN CDNFRST
1.40	0.090	0.60	17 230	49	0.761	0.73	1 587.3	1981	1986	
						0.74		1981	1993	GPP
								1981	1993	NORCEN GPP
3.99	0.306	0.65	2 860	29	0.950	0.56	610.5	1978	1997	PANALTA AEL PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m³	REMAINING ENERGY CONTENT TJ	ha
HINTON 051-25W5									
DUNVEGAN A	800	0.50	0.05	380	349	31	38	1 179	3 395
OTHER	175			124		124		4 716	
TOTAL-HINTON	975			504	349	155		5 895	
HOLBURN 050-01W5									
TOTAL-HOLBURN	862			571	203	368		14 304	
HOLLOW 061-20W4									
TOTAL-HOLLOW	517			327	165	162		6 101	
HOLMBERG 044-17W4									
BELLY RIVER A	386	0.80	0.05	294			36		3 431
BELLY RIVER A	33	0.70	0.05	22			37		250
BELLY RIVER A TOTAL	419	0.80	0.05	316	145	171	36	6 130	
MANNVILLE D	443	0.75	0.10	299			37		549
UPPER MANNVILLE D	450	0.80	0.05	342			36		1 250
MANN D & UPPER MANN D TOTAL	893	0.75	0.05	641	399	242	37	8 901	
GLAUCONITIC E	1 255	0.75	0.10	847	337	510	39	19 640	1 325
GLAUCONITIC BB	688	0.75	0.10	464	284	180	39	6 975	690
OTHER	6 043			3 879	1 306	2 573		95 975	
TOTAL-HOLMBERG	9 298			6 147	2 471	3 676		137 621	
HOMEGLEN-RIMBEY 043-01W5									
D-3 SOLN	2 874	0.50	0.20	1 150[b]			39		
D-3 ASSOC	30 588	0.91	0.15	23 660[b]	24 615[b]	195	39	7 509	4 661
OTHER	1 909			1 290	351	939		36 508	
TOTAL-HOMEGLEN-RIMBEY	35 371			26 100	24 966	1 134		44 017	
HONEYSUCKLE 046-26W4									
TOTAL-HONEYSUCKLE	442			271	217	54		2 108	
HOOKER 015-29W4									
LIV 05-015-29	677	0.85	0.20	460		460	38	17 577	200
TOTAL-HOOKER	677			460		460		17 577	
HOOLE 081-24W4									
WABISKAW A	1 921	0.70	0.05	1 278	1 045	233	37	8 642	6 123
WABAMUN A		0.55	0.05				37		10 179
BLUERIDGE A		0.50	0.05				37		400
WABAMUN A&BLUERIDGE A TOTAL	2 683	0.65	0.05	1 657	1 548	109	37	4 013	
OTHER	338			198	117	81		3 007	
TOTAL-HOOLE	4 942			3 133	2 710	423		15 662	
HORSE (SA) 058-27W5									
TOTAL-HORSE	300			203		203		7 867	
HORSEFLY LAKE 008-16W4									
TOTAL-HORSEFLY LAKE	152			23	1	22		835	
HOSELAW 060-06W4									
TOTAL-HOSELAW	151			93	81	12		449	
HOSPITAL CREEK (SA) 085-02W5									
TOTAL-HOSPITAL CREEK	9			5		5		188	
HOTCHKISS 094-01W6									
BLSK-DETR-DBLT A		0.80	0.05				36		8 029
BLSK-DETR-DBLT A		0.80	0.05				37		300
BLSK-DETR-DBLT A TOTAL	5 780	0.80	0.05	4 393	4 270	123	37	4 545	
BLUESKY A		0.80	0.05				37		5 498
BLUESKY B		0.70	0.05				37		200
BLUESKY D		0.80	0.05				37		2 177
BLUESKY E		0.80	0.05				37		4 823
BLUESKY G		0.65	0.05				37		200
BLUESKY I		0.70	0.05				36		200
SHUNDA A		0.80	0.05				37		15 808
BLUESKY&SHUNDA MU #1 TOTAL	6 886	0.80	0.05	5 168	4 638	530	35	18 746	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
4.34	0.097	0.55	54 380	97	1.230	0.59	3 188.8	1974	1995	PANALTA PRODUCTION DECLINE
2.13	0.280	0.60	3 020	17	0.943	0.58	392.3	1971	1997	
2.20	0.300	0.65	3 020	24	0.945	0.56	389.1	1971	1994	ASSIGNED WELL 00/14-9-44-17W4
								1971	1997	TCPL SCEPTRE POCO IOL CNRL
5.66	0.226	0.80	7 540	39	0.872	0.67	1 046.6	1977	1996	
2.70	0.224	0.75	7 620	39	0.876	0.64	1 027.6	1971	1997	
								1971	1997	
6.61	0.227	0.80	7 640	42	0.874	0.66	1 042.2	1971	1996	SCEPTRE AMOCO TCPL
6.57	0.230	0.85	7 580	45	0.873	0.66	1 043.1	1952	1997	
						0.78		1953	1997	TCPL PROGAS POCO CRESTAR GULF ENGAGE PRODUCTION DECLINE CONCURRENT PRODUCTION
52.52	0.080	0.90	19 530	82	0.844	0.78	2 384.5	1953	1997	TCPL PROGAS POCO CRESTAR GULF ENGAGE PRODUCTION DECLINE CONCURRENT PRODUCTION
21.00	0.090	0.80	25 310	87	0.893	0.77	3 388.0	1980	1994	BER
2.21	0.290	0.65	2 680	17	0.946	0.57	418.2	1967	1997	AMOCO PROGAS PRODUCTION DECLINE
6.15	0.182	0.70	2 270	17	0.954	0.58	457.3	1967	1997	PRODUCTION DECLINE
5.15	0.132	0.55	2 230	20	0.957	0.57	479.9	1988	1997	PRODUCTION DECLINE
								1967	1997	PANALTA PROGAS
5.32	0.203	0.75	5 480	31	0.910	0.58	729.8	1973	1994	PART OF BLSKY-DETR-DBLT NO.1 PRODUCTION DECLINE
4.70	0.201	0.65	5 480	30	0.908	0.56	709.5	1973	1994	PART OF BLSKY-DETR-DBLT NO.1 PRODUCTION DECLINE
								1973	1994	AMOCO NORCEN PANALTA PART OF BLSKY-DETR-DBLT NO.1
1.53	0.226	0.65	5 360	38	0.917	0.58	676.3	1971	1994	PRODUCTION DECLINE
1.50	0.210	0.70	3 970	26	0.929	0.58	709.7	1974	1994	PRODUCTION DECLINE
1.29	0.227	0.60	5 350	30	0.910	0.57	715.3	1974	1994	PRODUCTION DECLINE
1.39	0.237	0.70	5 220	26	0.908	0.58	649.8	1976	1994	PRODUCTION DECLINE
1.00	0.180	0.70	5 140	25	0.908	0.56	663.4	1977	1994	PRODUCTION DECLINE
0.62	0.150	0.65	5 020	31	0.919	0.59	678.5	1978	1994	PRODUCTION DECLINE
3.32	0.185	0.55	5 360	29	0.907	0.58	681.2	1974	1994	PRODUCTION DECLINE
								1971	1994	TCPL PANALTA AMOCO NORCEN IOL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10⁶m³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10⁶m³	NET CUMULATIVE PRODUCTION 10⁶m³	REMAINING ESTABLISHED RESERVES 10⁶m³	GROSS HEAT VALUE MJ/m³	REMAINING ENERGY CONTENT TJ	ha
HOTCHKISS 094-01W6 (CONTINUED)									
DEBOLT B	1 206	0.50	0.05	573	527	46	36	1 675	1 889
SLAVE POINT A	414	0.90	0.15	317	6	311	36	11 261	400
GILWOOD G	593	0.80	0.10	427	131	296	32	9 573	200
GILWOOD H	927	0.80	0.05	705	209	496	38	18 759	400
OTHER	2 649			1 692	697	995		36 383	
TOTAL-HOTCHKISS	18 455			13 275	10 478	2 797		100 942	
HOUSE 082-15W4									
GROSMONT A	6 900	0.32	0.05	2 098	1 809.	289	37	10 690	69 005
OTHER	439			230	37	193		6 991	
TOTAL-HOUSE	7 339			2 328	1 846	482		17 681	
HOWARD 079-05W6									
TOTAL-HOWARD	176			118	10	108		4 176	
HUDSON 030-02W4									
VIKING A	1 050	0.80	0.08	773	736	37	37	1 369	7 623
OTHER	864			600	133	467		17 358	
TOTAL-HUDSON	1 914			1 373	869	504		18 727	
HUNTER VALLEY 029-09W5									
RUNDLE A	2 844	0.75	0.25	1 600	1 159	441	38	16 551	1 117
TOTAL-HUNTER VALLEY	2 844			1 600	1 159	441		16 551	
HUSSAR 025-20W4									
BELLY RIVER A		0.65	0.05				37		3 497
BELLY RIVER D		0.55	0.05				37		3 699
BELLY RIVER A & D TOTAL	875	0.80	0.05	665	565	100	37	3 689	
MILK RIVER A	193	0.50	0.05	92			36		2 453
MEDICINE HAT A	4 344	0.60	0.03	2 528			36		63 330
BELLY RIVER C	58	0.55	0.05	30			37		646
SE ALTA GAS SYS (MU) TOTAL	4 595	0.60	0.05	2 650	647	2 003	36	73 069	
VIKING B	529	0.75	0.10	357	340	17	38	647	4 684
VIKING E	412	0.85	0.05	333	322	11	37	411	5 499
BASAL COLORADO A	584	0.90	0.05	500	381	119	37	4 447	6 422
BASAL COLORADO C	690	0.85	0.05	558	543	15	37	553	6 507
GLAUCONITIC B SOLN	105	0.65	0.15	58[b]			38		
GLAUCONITIC B ASSOC	609	0.90	0.10	493[b]	532[b]	19	38	730	1 329
GLAUCONITIC A ASSOC	2 364	0.92	0.10	1 958[b]			39		2 397
GLAUCONITIC A SOLN	572	0.65	0.25	279[b]			39		
GLAUCONITIC A ASSOC	344	0.80	0.10	247[b]			39		256
GLAUCONITIC A TOTAL	3 280	0.85	0.10	2 484[b]	1 929[b]	555	39	21 473	
GLAUCONITIC N	4 300	0.80	0.10	3 096	3 074	22	39	854	5 099
GLAUCONITIC P	673	0.85	0.10	515	490	25	40	994	150
GLAUCONITIC Q	827	0.90	0.10	670	604	66	40	2 616	617
GLAUCONITIC R	579	0.85	0.10	443	420	23	39	896	150
GLAUCONITIC FF	631	0.85	0.15	456	410	46	39	1 790	840
GLAUCONITIC JJ	48	0.75	0.10	32			40		150
GLAUCONITIC JJ	92	0.75	0.10	62			39		234
GLAUCONITIC JJ	1 843	0.65	0.10	1 078			39		6 645
GLAUCONITIC JJ	207	0.75	0.10	140			40		150
GLAUCONITIC JJ TOTAL	2 190	0.65	0.10	1 312	691	621	39	24 412	
GLAUCONITIC S	145	0.75	0.10	98[b]			38		748
GLAUCONITIC S	179	0.75	0.10	121[b]			40		628
BASAL MANNVILLE M ASSOC	186	0.70	0.10	117[b]			40		330
BASAL MANNVILLE M SOLN	25	0.65	0.20	13[b]			40		
BASAL MANNVILLE FFF	33	0.75	0.10	23[b]			39		150
GLAUC S,BSL MN M&FFF TOTAL	568	0.75	0.10	372[b]	168[b]	204	39	8 042	
GLAUCONITIC B3B	577	0.85	0.10	441	137	304	39	11 914	150
VIKING L		0.65	0.10				37		3 671
VIKING L		0.65	0.10				39		75
GLAUCONITIC III	615	0.80	0.10	443			39		2 352
VIKING L & GLAUC III TOTAL	1 585	0.65	0.10	927	792	135	37	4 968	
OSTRACOD R	685	0.85	0.10	524	314	210	40	8 301	2 952
OTHER	13 026			8 068	4 234	3 834		147 791	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
4.34	0.227	0.80	5 440	27	0.905	0.59	690.0	1972	1996	AMOCO PANALTA PRODUCTION DECLINE
5.90	0.100	0.90	19 850	74	0.835	0.81	2 073.1	1989	1996	CHEVRON TOP/BASE TVD
13.25	0.150	0.80	20 980	75	0.919	0.69	2 076.8	1990	1997	CHEVRON
11.05	0.156	0.70	20 920	75	0.890	0.62	2 046.7	1991	1995	CHEVRON
25.85	0.117	0.25	1 370	14	0.972	0.57	303.5	1973	1997	PARAMNT IOL PANALTA TALISMA RIOALTO PRODUCTION DECLINE
1.85	0.219	0.55	5 170	29	0.911	0.58	732.3	1956	1995	AMOCO TCPL PANALTA CRESTAR PART OF VIK POOL NO.5 PRODUCTION DECLINE
16.21	0.061	0.80	24 670	62	0.858	0.67	2 628.1	1962	1989	TCPL MATERIAL BALANCE TOP/BASE TVD
2.36	0.240	0.55	4 180	25	0.926	0.56	621.8	1959	1995	PRODUCTION DECLINE
1.91	0.250	0.50	3 090	26	0.946	0.56	637.7	1960	1995	PRODUCTION DECLINE
								1959	1995	CWNGNUL TCPL PANCDN
2.82	0.154	0.55	3 140	16	0.938	0.57	798.7	1910	1994	PART OF MILK RIV POOL NO.1
1.59	0.170	0.55	4 310	17	0.916	0.57	827.9	1904	1994	PART OF MED HAT POOL NO.1
2.22	0.230	0.55	3 170	26	0.943	0.56	649.5	1964	1984	
								1904	1994	TCPL PROGAS PANCDN NORCEN CRESTAR
1.72	0.167	0.60	8 020	38	0.860	0.63	1 230.6	1955	1995	TCPL PANCDN PRODUCTION DECLINE
1.08	0.203	0.70	8 490	42	0.871	0.60	1 143.4	1961	1997	PRODUCTION DECLINE
1.08	0.160	0.70	8 550	40	0.868	0.61	1 320.1	1952	1984	TCPL MATERIAL BALANCE
1.07	0.177	0.70	8 470	39	0.883	0.57	1 255.8	1955	1996	TCPL MATERIAL BALANCE
						0.67		1956	1985	TCPL MATERIAL BALANCE CONCURRENT PRODUCTION
2.29	0.203	0.70	10 140	45	0.828	0.67	1 428.8	1956	1985	TCPL MATERIAL BALANCE CONCURRENT PRODUCTION
5.14	0.227	0.75	10 200	44	0.812	0.69	1 426.8	1952	1996	CONING GAS CAP GPP
						0.69		1952	1996	CONING GAS CAP GPP
7.19	0.219	0.75	10 180	46	0.816	0.69	1 438.1	1952	1996	CONING GAS CAP
								1952	1996	TCPL CONING GAS CAP, GPP
4.39	0.210	0.70	10 140	44	0.830	0.64	1 365.8	1955	1997	TCPL PRODUCTION DECLINE NONCOMMERCIAL OIL
17.37	0.220	0.75	10 290	43	0.816	0.66	1 374.9	1957	1994	TCPL MATERIAL BALANCE
3.23	0.208	0.70	10 140	44	0.817	0.66	1 401.2	1960	1997	PRODUCTION DECLINE
17.68	0.210	0.70	10 290	43	0.812	0.68	1 416.4	1960	1997	PRODUCTION DECLINE
2.19	0.180	0.80	10 050	51	0.796	0.76	1 397.2	1968	1997	TCPL PRODUCTION DECLINE
3.00	0.160	0.60	9 900	39	0.812	0.66	1 380.2	1960	1988	
4.01	0.168	0.55	9 750	44	0.828	0.66	1 395.3	1960	1982	
2.40	0.173	0.60	9 890	44	0.797	0.72	1 396.8	1960	1995	SLUSH OIL
4.00	0.230	0.75	10 030	43	0.816	0.66	1 400.4	1960	1994	PRODUCTION DECLINE ASSIGNED WELL 00/10-30-25-19W4
								1960	1997	PANCDN TCPL
1.70	0.157	0.70	9 450	40	0.829	0.67	1 387.3	1962	1997	
2.21	0.170	0.70	9 880	43	0.821	0.66	1 375.8	1962	1997	
1.84	0.160	0.65	9 990	51	0.830	0.68	1 398.8	1964	1993	PRODUCTION DECLINE GPP
						0.68		1964	1993	PRODUCTION DECLINE GPP
1.20	0.230	0.70	10 100	41	0.810	0.67	1 410.9	1964	1995	
								1962	1997	GPP
22.00	0.210	0.80	9 810	50	0.830	0.68	1 365.0	1995	1995	
3.16	0.152	0.55	6 230	31	0.881	0.64	1 038.4	1954	1997	PRODUCTION DECLINE
1.00	0.140	0.50	5 900	28	0.872	0.64	1 057.3	1954	1997	PRODUCTION DECLINE ASSIGNED WELL 02/06-31-023-17W4M
2.31	0.193	0.55	10 000	46	0.836	0.65	1 241.4	1954	1996	
								1954	1997	
1.74	0.198	0.70	10 210	46	0.827	0.66	1 445.4	1956	1996	TCPL MATERIAL BALANCE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	ha
HUSSAR 025-20W4 (CONTINUED)									
TOTAL-HUSSAR	37 320			24 922	16 593	8 329		317 597	
HUTCH 113-21W5									
TOTAL-HUTCH	189			114		114		4 240	
HUXLEY 034-24W4									
VIKING A		0.70	0.10				39		5 160
UPPER MANNVILLE A		0.70	0.10				39		200
LOWER MANNVILLE A		0.75	0.10				40		300
VIK A,UMN A & LMN A TOTAL	1 699	0.70	0.10	1 070	1 052	18	39	704	
UPPER MANNVILLE I	454	0.80	0.10	327	1	326	40	13 079	450
OTHER	1 869			1 151	474	677		26 508	
TOTAL-HUXLEY	4 022			2 548	1 527	1 021		40 291	
HYLO 066-15W4									
LOWER MANNVILLE A	838	0.75	0.05	598	216	382	37	14 165	6 122
OTHER	1 449			899	497	402		14 910	
TOTAL-HYLO	2 287			1 497	713	784		29 075	
HYTHE 073-09W6									
TOTAL-HYTHE	1 506			949	200	749		30 474	
INLAND 051-15W4									
BELLY RIVER F	750	0.60	0.05	428	293	135	37	5 003	3 018
UPPER VIKING C		0.40	0.05				37		11 223
UPPER VIKING E		0.70	0.05				36		200
MIDDLE VIKING F		0.50	0.05				37		5 008
MIDDLE VIKING G		0.50	0.05				36		1 727
MIDDLE VIKING I		0.70	0.05				37		1 315
UPPER MANNVILLE A		0.75	0.05				37		300
UVK CE,MVK FGI & UMA TOTAL	896	0.50	0.05	409	323	86	37	3 150	
OTHER	1 825			948	554	394		14 541	
TOTAL-INLAND	3 471			1 785	1 170	615		22 694	
INNISFAIL 035-01W5									
PEKISKO B	771	0.85	0.15	557	9	548	41	22 424	200
D-3 SOLN	5 538	0.65	0.40	2 160[b]			39		
D-3 ASSOC	253	0.75	0.30	133[b]	2 226[b]	67	39	2 622	307
OTHER	1 163			745	15	730		29 067	
TOTAL-INNISFAIL	7 725			3 595	2 250	1 345		54 113	
IPIATIK 072-09W4									
GRAND RAPIDS A	1 344	0.50	0.05	638	532	106	37	3 906	8 156
GRAND RAPIDS B	684	0.50	0.05	325	280	45	37	1 658	7 737
OTHER	841			414	212	202		7 457	
TOTAL-IPIATIK	2 869			1 377	1 024	353		13 021	
IRON SPRINGS 011-20W4									
TOTAL-IRON SPRINGS	392			251	113	138		4 994	
IRRICANA 028-27W4									
WABAMUN A	1 778	0.45	0.15	680	599	81	36	2 938	801
WABAMUN B	1 392	0.55	0.25	575	50	525	36	19 115	2 672
WABAMUN C	1 113	0.80	0.20	712	230	482	35	17 024	1 485
OTHER	610			383	105	278		10 893	
TOTAL-IRRICANA	4 893			2 350	984	1 366		49 970	
ISLAY 050-04W4									
TOTAL-ISLAY	884			588	180	408		14 674	
JACK 085-04W6									
SPIRIT RIVER B	515	0.80	0.05	391	297	94	37	3 515	2 298
OTHER	553			364	102	262		9 795	
TOTAL-JACK	1 068			755	399	356		13 310	
JARVIE 063-01W5									
ELLERSLIE B	1 129	0.75	0.05	805	238	567	38	21 597	2 511

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
4.03	0.150	0.50	8 570	52	0.861	0.66	1 482.8	1962	1996	PRODUCTION DECLINE
2.10	0.180	0.50	11 250	60	0.833	0.68	1 592.5	1963	1996	PRODUCTION DECLINE
8.10	0.123	0.70	11 420	62	0.836	0.68	1 681.6	1962	1996	PRODUCTION DECLINE
								1962	1996	TCPL PROGAS
7.93	0.151	0.80	9 500	45	0.806	0.70	1 639.0	1985	1995	
3.62	0.273	0.55	2 460	19	0.951	0.56	482.6	1972	1996	CHAUVCO TCPL
5.19	0.307	0.50	1 120	22	0.979	0.56	151.6	1973	1996	AMOCO TARRAGN TCPL CWNGNUL POCO PRODUCTION DECLINE
0.94	0.205	0.40	5 250	28	0.901	0.61	657.2	1961	1997	PART OF VIK POOL NO.7 PRODUCTION DECLINE
1.70	0.300	0.60	4 670	23	0.911	0.60	679.0	1982	1997	PART OF VIK POOL NO.7 PRODUCTION DECLINE RESERVES CARRIED ON MID VIK F
1.11	0.214	0.50	5 400	27	0.901	0.60	688.3	1971	1997	PART OF VIK POOL NO.7 PRODUCTION DECLINE INCLUDES UPPER VIK E RESERVES
0.78	0.178	0.40	4 440	26	0.918	0.60	656.1	1973	1997	PART OF VIK POOL NO.7 PRODUCTION DECLINE
0.67	0.184	0.40	4 670	27	0.912	0.60	677.7	1975	1997	PART OF VIK POOL NO.7 PRODUCTION DECLINE
2.25	0.225	0.75	6 080	27	0.881	0.62	691.7	1973	1997	PART OF VIK POOL NO.7 PRODUCTION DECLINE
								1961	1997	AMOCO WASCANA TCPL CWNGNUL PANALTA PROGAS POCO PART OF VIK POOL NO.7
22.10	0.120	0.85	17 290	79	0.817	0.76	2 184.8	1991	1995	
						0.84		1957	1996	TCPL GARDNER GPP
6.52	0.058	0.85	24 480	68	0.795	0.84	2 565.9	1957	1996	TCPL GARDNER GPP
2.46	0.297	0.70	1 610	14	0.967	0.56	315.2	1974	1997	PROGAS RIOALTO IOL PANALTA PRODUCTION DECLINE
2.75	0.282	0.70	1 590	14	0.968	0.56	318.6	1974	1997	AMOCO PANALTA RIOALTO
4.07	0.050	0.70	24 340	74	0.902	0.71	2 317.0	1958	1993	PANCDN PRODUCTION DECLINE
6.81	0.055	0.65	24 140	85	0.896	0.74	2 333.5	1969	1997	PANALTA CRESTAR PANCDN
7.12	0.065	0.75	24 900	83	0.921	0.70	2 247.2	1980	1997	
2.94	0.295	0.65	3 850	24	0.928	0.57	587.2	1993	1997	TCPL
4.32	0.226	0.70	6 260	32	0.887	0.61	904.6	1965	1997	PROGAS AMOCO PINCL PANALTA NORCEN

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m^3	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
JARVIE 063-01W5 (CONTINUED)									
OTHER	2 298			1 553	480	1 073		40 750	
TOTAL-JARVIE	3 427			2 358	718	1 640		62 347	
JARVIE NORTH 064-02W5									
TOTAL-JARVIE NORTH	328			213	41	172		6 628	
JASLAN 067-20W4									
TOTAL-JASLAN	529			328	185	143		5 343	
JAYAR 061-03W6									
CARDIUM A	431	0.85	0.10	329	9	320	39	12 390	200
OTHER	843			415	122	293		11 710	
TOTAL-JAYAR	1 274			744	131	613		24 100	
JEFFREY 059-23W4									
TOTAL-JEFFREY	363			234	121	113		4 255	
JENNER 020-09W4									
MILK RIVER A	5 278	0.60	0.05	3 009			36		44 654
MEDICINE HAT A	1 914	0.60	0.03	1 114			36		36 071
MEDICINE HAT C	74	0.50	0.03	36			36		2 841
MEDICINE HAT D	144	0.50	0.03	70			36		4 999
SECOND WHITE SPECKS A	1 585	0.60	0.05	903			36		20 095
SE ALTA GAS SYS(MU) TOTAL	8 995	0.60	0.05	5 132	3 078	2 054	36	74 909	
VIKING J	863	0.91	0.05	746	685	61	37	2 262	5 561
BASAL COLORADO D	651	0.85	0.05	525	158	367	36	13 340	2 166
UPPER MANNVILLE O SOLN	295	0.28	0.20	66[b]			36		
UPPER MANNVILLE O ASSOC	322	0.85	0.05	260[b]	221[b]	105	36	3 809	386
ARCS A	912	0.85	0.25	581	571	10	34	341	400
OTHER	5 736			3 663	1 891	1 772		63 229	
TOTAL-JENNER	17 774			10 973	6 604	4 369		157 890	
JENSEN (SA) 004-20W4									
TOTAL-JENSEN	102			64		64		2 445	
JILES 063-21W4									
TOTAL-JILES	276			171	46	125		4 657	
JOAN 092-10W5									
TOTAL-JOAN	570			294	91	203		7 385	
JOARCAM 048-21W4									
VIKING C SOLN	5	0.65	0.05	3[b]			38		
VIKING C ASSOC	821	0.60	0.05	468[b]	104[b]	367	38	13 964	20 277
VIKING ASSOC	2 250	0.80	0.35	1 170[b]			37		14 101
VIKING SOLN	1 446	0.54	0.40	469[b]			37		
VIKING ASSOC	3	0.55	0.05	2[b]			38		32
VIKING TOTAL	3 699	0.70	0.35	1 641[b]	1 560[b]	81	37	2 984	
OTHER	1 480			1 033	160	873		31 922	
TOTAL-JOARCAM	6 005			3 145	1 824	1 321		48 870	
JOFFRE 038-26W4									
VIKING SOLN	2 516	0.45	0.50	566[b]			40		
VIKING ASSOC	65	0.55	0.10	32[b]	185[b]	413	40	16 532	495
BLAIRMORE U	441	0.85	0.10	338	45	293	40	11 714	300
UPPER MANNVILLE A		0.85	0.15				41		205
UPPER MANNVILLE B		0.70	0.10				40		150
BLAIRMORE C		0.85	0.10				34		894
U MANN A&B,BLAIR C TOTAL	1 059	0.85	0.10	792	756	36	40	1 450	
D-2 SOLN	3 938	0.32	0.50	630	580	50	43	2 140	
OTHER	4 737			2 871	958	1 913		75 648	
TOTAL-JOFFRE	12 756			5 229	2 524	2 705		107 484	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
9.60	0.180	0.80	15 280	60	0.837	0.64	1 935.3	1979	1996	
6.02	0.154	0.55	3 140	16	0.938	0.56	393.8	1910	1994	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
1.23	0.170	0.55	4 310	17	0.916	0.56	480.9	1904	1994	PART OF MED HAT POOL NO.1
0.66	0.139	0.60	4 450	19	0.916	0.56	480.1	1973	1987	PART OF MED HAT POOL NO.3
0.73	0.139	0.60	4 450	19	0.916	0.56	505.6	1973	1987	PART OF MED HAT POOL NO.4
1.02	0.216	0.60	5 690	27	0.904	0.56	664.5	1944	1994	PART OF 2WS POOL NO.1
								1904	1994	RENENER TCPL DIRECT PANALTA NORCEN PINCL CRESTAR AEC ENGAGE
1.64	0.231	0.55	6 750	27	0.879	0.59	747.5	1971	1997	SCEPTRE TCPL PANCDN PRODUCTION DECLINE
2.11	0.226	0.65	8 950	33	0.858	0.60	855.5	1980	1996	SCEPTRE
						0.60		1952	1997	TCPL DIRECT CRESTAR CONING GAS CAP GPP
4.08	0.268	0.70	10 270	38	0.861	0.60	946.8	1952	1997	TCPL DIRECT CRESTAR CONING GAS CAP GPP
17.00	0.134	0.80	10 680	36	0.799	0.85	1 222.3	1981	1995	PRODUCTION DECLINE
						0.62		1949	1997	AMOCO IOL CWNGNUL PROGAS PANCDN NORCEN POCO CONCURRENT PRODUCTION
0.81	0.166	0.50	6 000	42	0.899	0.62	983.5	1949	1997	AMOCO IOL CWNGNUL PROGAS PANCDN NORCEN POCO CONCURRENT PRODUCTION
1.91	0.196	0.70	5 960	38	0.895	0.64	987.4	1949	1992	CONCURRENT PRODUCTION, GAS FLOOD
						0.64		1949	1992	CONCURRENT PRODUCTION, GAS FLOOD
1.55	0.205	0.70	4 680	37	0.919	0.61	990.0	1949	1988	ASSIGNED WELL 09-18-049-21W4M
								1949	1994	AMOCO IOL CWNGNUL PROGAS NORCEN PANCDN POCO TALISMA CONCURRENT PRODUCTION
						0.71		1953	1997	TALISMA CWNGNUL IOL BLUERGE NORCEN POCO TCPL PRODUCTION DECLINE GPP,
1.19	0.099	0.55	6 570	55	0.871	0.71	1 457.1	1953	1997	TALISMA CWNGNUL IOL BLUERGE NORCEN POCO TCPL PRODUCTION DECLINE GPP,
7.94	0.178	0.70	14 550	69	0.814	0.72	1 763.8	1958	1996	
3.91	0.230	0.90	14 180	65	0.769	0.78	1 761.0	1967	1996	PRODUCTION DECLINE
3.30	0.120	0.75	11 200	70	0.838	0.71	1 784.5	1964	1996	PRODUCTION DECLINE
1.62	0.147	0.75	16 410	70	0.852	0.76	1 831.7	1959	1996	PRODUCTION DECLINE
								1959	1996	POCO TCPL CWNGNUL RIFE BLUERGE
						0.86		1956	1997	TCPL IOL WASCANA POCO GARDNER TALISMA CHEL GPP

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE $10^6 m^3$	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES $10^6 m^3$	NET CUMULATIVE PRODUCTION $10^6 m^3$	REMAINING ESTABLISHED RESERVES $10^6 m^3$	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	ha
JOHN LAKE 055-01W4									
COLONY D	479	0.70	0.05	318	220	98	36	3 553	1 726
COLONY E	656	0.80	0.05	499	389	110	36	3 980	2 676
OTHER	3 728			2 317	1 320	997		33 956	
TOTAL-JOHN LAKE	4 863			3 134	1 929	1 205		41 489	
JOHNSON 016-14W4									
MILK RIVER A	536	0.50	0.05	255			36		4 306
SECOND WHITE SPECKS A	137	0.50	0.05	66			36		2 427
SE ALTA GAS SYS(MU) TOTAL	673	0.50	0.05	321	11	310	36	11 306	
OTHER	700			344	155	189		6 910	
TOTAL-JOHNSON	1 373			665	166	499		18 216	
JOLI FOU (SA) 081-20W4									
TOTAL-JOLI FOU	12			7		7		258	
JOLIET 025-07W4									
TOTAL-JOLIET	51			36		36		1 334	
JOSEPHINE 083-09W6									
KISKATINAW A	1 217	0.76	0.10	833	730	103	39	3 984	1 600
TOTAL-JOSEPHINE	1 217			833	730	103		3 984	
JUDY CREEK 063-10W5									
VIKING A SOLN	288	0.65	0.30	131[b]			38		
VIKING A ASSOC	3 044	0.90	0.15	2 329[b]	2 433[b]	27	38	1 031	9 021
BEAVERHILL LAKE A SOLN	18 478	0.46	0.30	5 950[b]			43		
BEAVERHILL LAKE A ASSOC		0.70	0.10		4 469[b]	1 481	43	63 505	
BEAVERHILL LAKE B SOLN	7 708	0.48	0.20	2 960[b]			43		
BEAVERHILL LAKE B ASSOC		0.70	0.10		1 893[b]	1 067	43	45 753	
OTHER	587			395	235	160		6 218	
TOTAL-JUDY CREEK	30 105			11 765	9 030	2 735		116 507	
JUDY CREEK SOUTH 062-12W5									
RUNDLE A	418	0.80	0.10	301		301	39	11 691	200
OTHER	634			257	85	172		7 308	
TOTAL-JUDY CREEK SOUTH	1 052			558	85	473		18 999	
JUMPBUSH 019-20W4									
BOW ISLAND C	435	0.75	0.05	310			36		1 576
BOW ISLAND F	29	0.75	0.05	21			36		400
BOW ISLAND C & F TOTAL	464	0.75	0.05	331	262	69	36	2 492	
OTHER	1 558			772	354	418		16 553	
TOTAL-JUMPBUSH	2 022			1 103	616	487		19 045	
JUMPING POUND 025-04W5									
MISSISSIPPIAN	6 435	0.88	0.17	4 700			39		1 303
MISSISSIPPIAN	18 209	0.88	0.17	13 300			39		1 908
MISSISSIPPIAN TOTAL	24 644	0.90	0.15	18 000	16 311	1 689	39	66 293	
OTHER	301			190	15	175			
TOTAL-JUMPING POUND	24 945			18 190	16 326	1 864		66 293	
JUMPING POUND WEST 025-06W5									
RUNDLE C	18 529	0.85	0.20	12 600	9 486	3 114	39	120 418	3 549
RUNDLE A		0.85	0.20				39		7 891
RUNDLE B		0.85	0.20				39		1 143
RUNDLE A & B TOTAL	54 706	0.85	0.20	37 200	27 525	9 675	39	376 551	
TOTAL-JUMPING POUND WEST	73 235			49 800	37 011	12 789		496 969	
KAHNTAH (SA) 097-18W5									
TOTAL-KAHNTAH	29			16		16		602	
KAKUT 075-03W6									
TOTAL-KAKUT	879			434	144	290		11 176	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
3.06	0.289	0.60	2 640	20	0.951	0.57	461.9	1985	1997	IOL POCO PRODUCTION DECLINE
3.36	0.293	0.65	2 700	19	0.949	0.58	436.5	1975	1996	POCO TALISMA PANALTA PRODUCTION DECLINE
3.33	0.154	0.55	3 140	16	0.938	0.57	342.7	1910	1994	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
0.73	0.216	0.60	5 690	27	0.904	0.56	640.5	1944	1994	PART OF 2WS POOL NO.1
								1910	1994	TCPL PANCDN
9.27	0.138	0.70	15 640	69	0.845	0.66	1 749.9	1974	1997	TCPL PRODUCTION DECLINE
						0.62		1959	1991	CRESTAR GARDNER CWNGNUL HUSKY POCO MATERIAL BALANCE CONCURRENT PRODUCTION, DEEP CUT SL
2.13	0.184	0.65	8 890	56	0.879	0.62	1 386.1	1959	1991	CRESTAR GARDNER CWNGNUL HUSKY POCO MATERIAL BALANCE CONCURRENT PRODUCTION, DEEP CUT SL
						0.87		1959	1990	DEEP CUT SL, GAS BREAKTHRU, GPP
						0.87		1959	1990	DEEP CUT SL, GAS BREAKTHRU, GPP
						0.87		1959	1990	GPP, DEEP CUT SL
						0.87		1959	1990	GPP, DEEP CUT SL
23.50	0.090	0.70	14 270	66	0.849	0.65	1 841.6	1960	1995	
3.05	0.195	0.60	7 410	34	0.887	0.59	1 123.7	1973	1996	
0.93	0.177	0.50	8 500	42	0.886	0.59	1 112.3	1974	1995	
								1973	1996	WAINOCO TARRAGN PANALTA NORCEN
29.32	0.078	0.90	27 410	82	0.917	0.69	3 013.6	1944	1984	MATERIAL BALANCE DEEP CUT SL
55.94	0.079	0.90	27 410	82	0.917	0.69	2 867.2	1944	1984	MATERIAL BALANCE DEEP CUT SL
								1944	1994	AMOCO TCPL CWNGNUL CHEL
40.58	0.061	0.85	29 470	83	0.917	0.74	3 476.7	1967	1996	AMOCO TCPL CWNGNUL PRODUCTION DECLINE DEEP CUT SL
35.87	0.063	0.85	29 510	79	0.928	0.70	3 324.8	1961	1996	PRODUCTION DECLINE TOP/BASE TVD, DEEP CUT SL
36.82	0.067	0.85	29 600	88	0.936	0.70	3 588.5	1963	1996	PRODUCTION DECLINE TOP/BASE TVD
								1961	1996	TCPL CWNGNUL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					
	INITIAL VOLUME IN PLACE 10⁶m³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10⁶m³	NET CUMULATIVE PRODUCTION 10⁶m³	REMAINING ESTABLISHED RESERVES 10⁶m³	GROSS HEAT VALUE MJ/m³	REMAINING ENERGY CONTENT TJ	AREA ha
KAKWA 064-05W6									
MAIN CARDIUM A ASSOC	692	0.85	0.10	529	-6	535	40	21 598	2 411
A CARDIUM A SOLN	2 939	0.65	0.15	1 624		1 624	43[a]	69 361	
A CARDIUM A ASSOC	1 120	c	c	840	-41	881	43[a]	37 628	3 008
CADOTTE A	126	0.75	0.10	86			39		200
FALHER D	371	0.90	0.10	301			40		1 099
CADOTTE A & FALHER D TOTAL	497	0.85	0.10	387	188	199	40	7 898	
OTHER	1 771			1 100	277	823		33 053	
TOTAL-KAKWA	7 019			4 480	418	4 062		169 538	
KALELAND (SA) 054-13W4									
TOTAL-KALELAND	52			35		35		1 302	
KARR 065-03W6									
CADOTTE A	695	0.85	0.05	561	6	555	39	21 523	1 634
NOTIKEWIN D	776	0.90	0.05	663	8	655	39	25 774	250
DUNVEGAN D	89	0.75	0.10	60			40		400
NOTIKEWIN B	27	0.70	0.10	17			41		600
FALHER A	215	0.75	0.10	145			40		250
BLUESKY A	14 821	0.75	0.15	9 449			41		28 408
GETHING E	114	0.75	0.10	77			38		150
CADOMIN B	1 242	0.85	0.05	1 003			39		1 779
FT ST JOHN&BHLD MU#1 TOTAL	16 508	0.75	0.15	10 751	5 643	5 108	40	205 903	
CHARLIE LAKE C	267	0.75	0.10	180			39		200
HALFWAY A	180	0.75	0.10	122			39		200
CHARLIE LK C & HFWY A TOTAL	447	0.75	0.10	302	205	97	39	3 783	
WABAMUN A	1 391	0.85	0.25	887	2	885	38	33 789	200
WAB 19-064-01	1 195	0.85	0.25	762		762	38	28 819	200
OTHER	2 805			1 909	528	1 381		53 813	
TOTAL-KARR	23 817			15 835	6 392	9 443		373 404	
KAYBOB 064-19W5									
VIKING C	490	0.80	0.10	353	266	87	39	3 422	600
VIKING D	76	0.75	0.10	51			39		400
NOTIKEWIN G	114	0.70	0.05	76			38		659
GETHING U	40	0.75	0.05	29			39		150
GETHING V	203	0.75	0.05	144			39		300
VIK D,NOTI G,GETH U&V TOTAL	433	0.75	0.05	300	216	84	39	3 247	
UPPER MANNVILLE A	117	0.70	0.05	78			39		150
NOTIKEWIN A	8 347	0.85	0.05	6 740			39		11 868
NOTIK A & U MANN A TOTAL	8 464	0.85	0.05	6 818	6 313	505	39	19 619	
NOTIKEWIN B	6 044	0.90	0.10	4 896	4 703	193	39	7 461	15 004
NOTIKEWIN E	2 249	0.85	0.10	1 721	1 711	10	38	381	8 350
GETHING K SOLN	328	0.65	0.55	96[b]			39		
GETHING K ASSOC	3 023	0.75	0.10	2 040[b]	2 000[b]	136	39	5 330	2 660
GETHING J	380	0.85	0.05	307	178	129	38	4 902	620
GETHING L	421	0.80	0.10	303	263	40	40	1 582	854
GETHING Y	459	0.85	0.10	351	273	78	39	3 039	300
GETHING H	1 241	0.75	0.10	838			40		1 771
GETHING T	52	0.75	0.10	35			39		150
GETHING H & T TOTAL	1 293	0.75	0.10	873	201	672	40	26 544	
BEAVERHILL LAKE A SOLN	8 826	0.45	0.20	3 178[b]			43		
BEAVERHILL LAKE A ASSOC		0.70	0.15		2 837[b]	341	43	14 636	
BEAVERHILL LAKE B SOLN	572	0.65	0.15	316[b]			40		
BEAVERHILL LAKE B ASSOC	168	0.75	0.10	113[b]	192[b]	237	40	9 577	557
BEAVERHILL LAKE C	2 104	c	c	1 610	390	1 220	41[a]	50 130	1 762
OTHER	3 754			2 316	514	1 802		70 422	
TOTAL-KAYBOB	39 008			25 591	20 057	5 534		220 292	
KAYBOB SOUTH 060-18W5									
VIKING A	964	0.90	0.10	781	723	58	39	2 289	10 068
VIKING B		0.70	0.10				40		400
BLUESKY N		0.75	0.05				39		300

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
3.13	0.087	0.70	13 410	49	0.786	0.68	1 667.6	1957	1996	CANOXY ENGAGE HUSKY IOL TALISMA
						0.85		1978	1993	ENGAGE IOL CHEL CANOR TCPL GAS CYCLING
1.46	0.138	0.80	20 990	55	0.741	0.85	1 714.8	1978	1993	ENGAGE IOL CHEL CANOR TCPL GAS CYCLING
3.30	0.135	0.70	23 010	85	0.903	0.64	2 653.0	1993	1996	
1.51	0.110	0.70	37 170	84	1.020	0.67	2 802.8	1979	1996	
								1979	1996	PANALTA NORCEN HUSKY TALISMA
4.10	0.133	0.55	15 110	71	0.881	0.58	1 962.3	1979	1996	AEC HUSKY GULF PANALTA
16.00	0.140	0.75	18 670	63	0.855	0.61	2 009.6	1988	1994	PANALTA GULF AEC
2.10	0.140	0.60	12 140	60	0.826	0.67	1 640.4	1988	1996	
2.90	0.115	0.60	12 250	70	0.817	0.73	1 944.4	1977	1989	PRODUCTION DECLINE
6.00	0.080	0.70	15 160		0.618	0.68	2 274.5	1982	1996	
3.17	0.113	0.70	20 480	73	0.809	0.77	2 288.9	1968	1997	
5.00	0.110	0.55	19 070	97	0.899	0.66	2 416.4	1979	1989	MATERIAL BALANCE
4.65	0.110	0.70	21 540	80	0.890	0.64	2 567.5	1979	1996	
								1968	1997	ULSTER CANOXY DIRECT AEC CHEL HUSKY GULF IOL PANALTA NORCEN
2.50	0.090	0.80	23 380	86	0.908	0.65	2 631.4	1991	1996	PRODUCTION DECLINE
5.00	0.110	0.80	23 470	86	0.908	0.65	2 641.1	1991	1996	
								1991	1996	
37.50	0.080	0.85	36 860	108	1.009	1.02	3 630.7	1991	1996	
20.80	0.120	0.90	34 020	100	0.975	0.86	3 440.2	1995	1996	
1.98	0.119	0.65	9 900	61	0.856	0.67	1 486.9	1981	1995	GULF CHEVRON PRODUCTION DECLINE
2.40	0.110	0.65	10 850	56	0.848	0.64	1 521.9	1981	1995	
1.99	0.160	0.60	9 450	62	0.885	0.61	1 541.5	1981	1996	
2.49	0.130	0.60	14 330	72	0.865	0.64	1 792.1	1982	1994	
5.50	0.155	0.60	14 300	79	0.875	0.65	1 794.7	1981	1995	
								1981	1997	
6.70	0.180	0.65	10 070	58	0.869	0.62	1 557.1	1964	1996	
4.29	0.188	0.65	10 430	60	0.869	0.62	1 528.4	1957	1991	MATERIAL BALANCE NONCOMMERCIAL OIL
								1957	1987	AMOCO PANALTA TALISMA GULF PCOG CHEVRON
2.85	0.163	0.65	9 760	60	0.869	0.64	1 487.4	1957	1996	PARAMNT APACHE TALISMA GULF CHAUVCO PCOG CHEVRON PRODUCTION DECLINE NONCOMMERCIAL OIL
1.80	0.164	0.65	11 890	56	0.855	0.63	1 378.6	1978	1997	NORCEN DIRECT PCOG PANALTA POCO SUNCOR TALISMA PRODUCTION DECLINE
						0.66		1957	1996	TALISMA GULF CHEVRON PRODUCTION DECLINE CONC PROD, OIL DEPLETED
6.06	0.159	0.70	15 240	64	0.833	0.66	1 762.4	1957	1996	TALISMA GULF CHEVRON PRODUCTION DECLINE CONC PROD, OIL DEPLETED
3.87	0.159	0.70	15 040	73	0.869	0.64	1 779.5	1959	1996	GULF CHEVRON
2.97	0.162	0.70	14 380	63	0.831	0.66	1 751.5	1957	1996	GULF SLUSH OIL, PREV CONC PROD
13.45	0.194	0.75	13 330	73	0.860	0.66	1 763.7	1988	1996	PCOG PRODUCTION DECLINE SLUSH OIL
4.93	0.148	0.70	14 490	78	0.856	0.67	1 871.4	1981	1997	
3.00	0.140	0.60	13 820	65	0.840	0.66	1 817.5	1982	1996	
								1981	1997	PANALTA
						0.79		1957	1990	AMOCO TALISMA GULF PCOG CHEVRON GPP, BLOWDOWN
						0.79		1957	1990	AMOCO TALISMA GULF PCOG CHEVRON GPP, BLOWDOWN
						0.73		1961	1996	GULF PCOG CHEVRON CONCURRENT PRODUCTION
2.97	0.057	0.75	30 520	108	0.958	0.73	2 930.7	1961	1996	GULF PCOG CHEVRON CONCURRENT PRODUCTION
9.86	0.060	0.75	30 540	108	0.911	1.03	2 948.1	1972	1990	GULF PCOG CHEVRON PREV GAS CYCLING, BLOWDOWN
2.28	0.134	0.55	10 010	66	0.864	0.66	1 717.6	1960	1996	AMOCO NORCEN POCO TALISMA GULF UNOCAL CHEVRON PRODUCTION DECLINE
1.90	0.117	0.55	10 100	78	0.866	0.70	1 875.2	1994	1997	PRODUCTION DECLINE
2.25	0.116	0.80	16 310	75	0.865	0.65	2 105.8	1984	1997	PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	ha
KAYBOB SOUTH 060-18W5 (CONTINUED)									
GETHING K		0.75	0.10				39		4 072
GETHING EE		0.75	0.05				39		450
VIK B,BLSK N,GE K&EE TOTAL	2 439	0.85	0.10	1 842	1 085	757	39	29 364	
UPPER MANNVILLE B	176	0.70	0.15	105			40		150
UPPER MANNVILLE C	110	0.75	0.15	71			40		150
BLUESKY B	1 510	0.75	0.15	963			40		2 868
U MANN B,C & BLSK B TOTAL	1 796	0.75	0.15	1 139	578	561	40	22 199	
UPPER MANNVILLE D		0.82	0.15				40		150
TRIASSIC B ASSOC		0.82	0.15				41		2 027
TRIASSIC B		0.82	0.15				41		200
U MANN D & TRIASSIC B TOTAL	2 200	0.80	0.15	1 500^b	1 356^b	144			
NOTIKEWIN B	97	0.75	0.20	58			40		150
BLUESKY J	61	0.75	0.15	39			40		200
BLUESKY R	346	0.85	0.20	235			40		690
BLUESKY T	91	0.75	0.25	51			40		200
GETHING A	1 045	0.75	0.10	706			39		4 207
NOT B,BLSK JRT&GETH A TOTAL	1 640	0.75	0.15	1 089	771	318	40	12 571	
BLUESKY G	442	0.85	0.20	301	257	44	41	1 820	839
BLUESKY M	1 758	0.70	0.20	985			41		2 940
GETHING MM	122	0.75	0.15	78			33		300
GETHING PP	294	0.75	0.15	188			39		150
BLSK M, GETH MM & PP TOTAL	2 174	0.70	0.20	1 251	487	764	41	30 980	
BLUESKY E	635	0.85	0.10	486			41		1 386
GETHING R	1 466	0.80	0.10	1 056			39		2 179
BLUESKY E & GETHING R TOTAL	2 101	0.80	0.10	1 542	643	899	40	35 843	
BLUESKY H		0.75	0.20				39		2 251
GETHING HH		0.75	0.15				39		100
GETHING II		0.75	0.10				38		1 498
ROCK CREEK A	49	0.75	0.10	33			38		200
BLSK H,GE HH,II&RCCKA TOTAL	1 033	0.75	0.10	682	528	154			
GETHING D	4 118	0.40	0.15	1 400	518	882	40	34 945	6 127
GETHING O	447	0.85	0.10	342	261	81	39	3 166	961
GETHING P	1 082	0.85	0.10	828	668	160	39	6 261	810
GETHING BB	683	0.75	0.05	486	349	137	39	5 318	150
GETHING M	27	0.70	0.05	18			39		150
GETHING N	442	0.80	0.05	336			39		914
GETHING M & N TOTAL	469	0.80	0.05	354	2	352	39	13 700	
GETHING H	641	0.85	0.05	518	394	124	39	4 872	4 738
CADOMIN D	753	0.85	0.05	608	490	118	39	4 596	450
TRIASSIC A ASSOC	1 091	0.35	0.15	325^b			42		1 499
TRIASSIC A SOLN	4 294	0.55	0.25	1 772^b			42		
TRIASSIC A ASSOC	140	0.75	0.20	84^b			44		573
TRIASSIC A TOTAL	5 525	0.50	0.25	2 181^b	1 470^b	711	42	29 642	
BLUERIDGE C	1 147	0.90	0.45	568	38	530	40	21 232	200
BLUERIDGE D	667	0.90	0.45	330	3	327	40	13 181	200
NISKU D	720	0.85	0.35	398	35	363	39	14 015	200
BEAVERHILL LAKE A	103 728	c	c	41 300	35 816	5 484	40^a	217 605	23 074
OTHER	14 505			7 281	2 413	4 868		191 013	
TOTAL-KAYBOB SOUTH	149 274			66 721	48 885	17 836		694 612	
KEHIWIN 059-05W4									
GRAND RAPIDS A	836	0.70	0.05	556	495	61	38	2 325	3 515
OTHER	1 004			624	319	305		11 360	
TOTAL-KEHIWIN	1 840			1 180	814	366		13 685	
KEHO 011-22W4									
TOTAL-KEHO	1 212			689	427	262		9 751	
KELSEY 044-18W4									
BELLY RIVER B	833	0.80	0.05	633	613	20	38	751	4 546
OTHER	1 861			1 175	262	913		34 316	
TOTAL-KELSEY	2 694			1 808	875	933		35 067	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
4.12	0.135	0.75	16 260	84	0.876	0.66	2 207.6	1971	1997	PRODUCTION DECLINE
2.90	0.117	0.80	16 170	88	0.885	0.65	2 157.2	1994	1997	PRODUCTION DECLINE
								1971	1997	
10.90	0.120	0.50	14 970	69	0.839	0.66	1 906.6	1977	1995	PRODUCTION DECLINE DEEP CUT SL
7.50	0.120	0.55	14 890	68	0.838	0.66	1 899.1	1982	1993	DEEP CUT SL
4.68	0.114	0.75	13 630	82	0.830	0.75	2 145.5	1977	1997	DEEP CUT SL
								1977	1997	SHELL PROGAS PANALTA NORCEN TALISMA DEEP CUT SL
7.60	0.120	0.55	16 960	73	0.846	0.66	2 018.5	1985	1984	MATERIAL BALANCE
3.23	0.122	0.80	19 310	91	0.845	0.77	2 370.6	1976	1984	MATERIAL BALANCE GPP
1.52	0.120	0.75	19 030	71	0.830	0.71	2 392.0	1976	1984	MATERIAL BALANCE ASSIGNED WELL 07-21-061-21W5M
								1976	1984	TCPL PROGAS AMOCO GPP
3.97	0.160	0.65	15 040	69	0.799	0.75	1 916.3	1969	1996	AREA BASED ON WELL CONTROL,DEEP CUT SL
2.40	0.110	0.70	16 530	75	0.812	0.74	2 123.2	1993	1996	DEEP CUT SL
4.85	0.111	0.60	15 690	74	0.829	0.70	2 052.3	1969	1997	DEEP CUT SL
3.00	0.130	0.70	16 460	75	0.811	0.75	2 117.7	1994	1995	DEEP CUT SL
3.70	0.141	0.65	14 560	80	0.874	0.63	2 145.1	1959	1997	PRODUCTION DECLINE DEEP CUT SL
								1959	1997	DEEP CUT SL
3.69	0.094	0.65	19 760	82	0.818	0.76	2 332.7	1988	1997	CANST PRODUCTION DECLINE DEEP CUT SL
5.45	0.111	0.60	16 700	87	0.801	0.82	2 342.9	1993	1997	DEEP CUT SL
4.00	0.090	0.70	18 460	89	0.897	0.78	2 576.7	1995	1997	DEEPCUT SL
10.00	0.140	0.80	18 680	79	0.862	0.68	2 299.6	1996	1996	DEEPCUT SL
								1993	1997	DEEP CUT SL
2.90	0.115	0.70	20 620	82	0.841	0.73	2 284.7	1985	1997	DEEP CUT SL,SLUSH OIL
6.32	0.150	0.55	13 670	79	0.856	0.69	2 183.2	1968	1995	DEEP CUT SL
								1968	1997	DEEP CUT SL
2.40	0.107	0.70	13 700	81	0.839	0.73	2 068.9	1990	1996	PRODUCTION DECLINE DEEP CUT SL
4.50	0.130	0.65	16 490	75	0.856	0.67	2 120.5	1994	1996	PRODUCTION DECLINE DEEP CUT SL
4.82	0.141	0.75	16 030	75	0.871	0.64	2 076.8	1967	1996	PRODUCTION DECLINE DEEP CUT SL
1.20	0.190	0.80	14 900	83	0.879	0.66	2 152.4	1991	1994	DEEP CUT SL
								1967	1996	DEEP CUT SL
5.98	0.130	0.65	14 200	80	0.860	0.67	2 051.4	1977	1997	CHEVRON TCPL SCEPTRE TARRAGN PANALTA PROGAS DEEP CUT SL
2.63	0.130	0.70	14 690	77	0.869	0.64	2 174.7	1976	1996	PANALTA PROGAS TALISMA PRODUCTION DECLINE
5.67	0.142	0.70	14 500	80	0.867	0.66	1 983.7	1961	1991	AMOCO NORCEN TALISMA UNOCAL PRODUCTION DECLINE
6.40	0.120	0.60	14 630	81	0.874	0.65	2 058.1	1963	1995	UNOCAL TALISMA PRODUCTION DECLINE
2.40	0.100	0.60	12 360	57	0.844	0.63	1 884.0	1981	1996	
3.53	0.150	0.85	11 760	79	0.884	0.64	1 929.3	1981	1997	
								1981	1997	PANALTA
4.01	0.140	0.65	13 930	77	0.853	0.69	2 008.7	1957	1997	TCPL PANALTA PROGAS TALISMA PART OF GETHING POOL NO.1 PRODUCTION DECLINE
4.96	0.150	0.65	15 850	72	0.859	0.64	1 995.5	1960	1989	AMOCO TALISMA UNOCAL PRODUCTION DECLINE
5.02	0.105	0.80	17 060	74	0.810	0.75	2 060.4	1962	1996	CONING GAS CAP, CONCURRENT PRODUCTION
						0.75		1962	1996	CONING GAS CAP, CONCURRENT PRODUCTION
1.88	0.088	0.80	17 060	73	0.760	0.82	2 079.2	1962	1992	GPP
								1962	1997	AMOCO CDNFRST TALISMA GULF UNOCAL CHEVRON CONING GAS CAP, CONCURRENT PRODUCTION
45.90	0.060	0.90	22 750	96	0.758	1.02	2 576.6	1991	1995	DEEP CUT SL
37.80	0.050	0.75	23 220	97	0.758	0.99	2 732.5	1991	1994	TALISMA
713.50	0.100	0.95	22 130	90	0.781	0.96	2 935.2	1996	1997	PRODUCTION DECLINE
29.45	0.079	0.80	31 720	115	0.890	1.01	3 282.3	1961	1993	AMOCO ENGAGE TALISMA UNOCAL CHEVRON PREV GAS CYCLING, BLOWDOWN
2.46	0.295	0.80	2 840	19	0.942	0.57	397.2	1971	1996	TCPL PRODUCTION DECLINE
2.46	0.274	0.55	2 800	16	0.941	0.57	428.7	1974	1996	CRESTAR SCEPTRE TCPL PRODUCTION DECLINE NONCOMMERCIAL OIL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10⁶m³	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10⁶m³	5 NET CUMULATIVE PRODUCTION 10⁶m³	6 REMAINING ESTABLISHED RESERVES 10⁶m³	7 GROSS HEAT VALUE MJ/m³	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
KENT 062-02W4									
GRAND RAPIDS B	985	0.65	0.05	608	527	81	37	3 020	3 391
OTHER	1 825			1 062	768	294		10 961	
TOTAL-KENT	2 810			1 670	1 295	375		13 981	
KIDNEY 091-04W5									
TOTAL-KIDNEY	586			239	60	179		6 406	
KILLAM 043-10W4									
UPPER&MIDDLE VIKING A	2 333	0.75	0.03	1 698			36		70 382
REX B	67	0.70	0.05	45			37		200
GLAUCONITIC Q	77	0.65	0.05	48			37		442
U&M VIK A,REX B&GLC Q TOTAL	2 477	0.75	0.05	1 791	1 663	128	36	4 666	
GLAUCONITIC HH	532	0.75	0.10	359	353	6	34	205	223
ELLERSLIE C	506	0.75	0.05	361	109	252	37	9 289	2 815
OTHER	6 792			4 228	2 406	1 822		66 174	
TOTAL-KILLAM	10 307			6 739	4 531	2 208		80 334	
KILLAM NORTH 044-13W4									
UPPER&MIDDLE VIKING A		0.70	0.03				36		55 800
UPPER MANNVILLE T	32	0.70	0.05	21			37		150
BASAL MANNVILLE C		0.70	0.05				36		200
BASAL MANNVILLE L	28	0.70	0.05	19			37		150
BASAL MANNVILLE U	55	0.65	0.05	34			37		200
NISKU A		0.70	0.05				36		32
VIK, MANN & NIS MU#1 TOTAL	1 737	0.70	0.05	1 175	1 153	22	37	825	
UPPER MANNVILLE P	459	0.75	0.05	327	135	192	37	7 179	1 323
OTHER	4 158			2 748	1 362	1 386		51 327	
TOTAL-KILLAM NORTH	6 354			4 250	2 650	1 600		59 331	
KIMIWAN 079-20W5									
TOTAL-KIMIWAN	440			314	175	139		5 185	
KINGMAN 049-19W4									
TOTAL-KINGMAN	388			258	121	137		4 565	
KINMUNDY 025-09W4									
TOTAL-KINMUNDY	43			28		28		1 055	
KIRBY 074-05W4									
UPPER MANNVILLE D	3 057	0.65	0.05	1 888	1 497	391	37	14 573	11 153
UPPER MANNVILLE J	2 249	0.65	0.05	1 389	972	417	37	15 546	14 524
UPPER MANNVILLE A	3 767	0.60	0.05	2 147			37		22 734
UPPER MANNVILLE K	968	0.60	0.05	552			37		5 676
UPPER MANNVILLE M	20	0.55	0.05	10			37		200
UPPER MANNVILLE W	8	0.55	0.05	4			37		200
UPPER MANNVILLE X	7	0.55	0.05	4			37		200
UPPER MANNVILLE Y	9	0.50	0.05	5			37		400
UPPER MANNVILLE Z	25	0.50	0.05	12			37		631
UPPER MANNVILLE CC	16	0.55	0.05	9			37		676
U MN A,K,M,W,X,Y,Z&CC TOTAL	4 820	0.60	0.05	2 743	2 267	476	37	17 645	
UPPER MANNVILLE C		0.75	0.05				37		52 692
UPPER MANNVILLE I		0.75	0.05				37		38 262
UPPER MANNVILLE R		0.60	0.05				37		200
UPPER MANNVILLE C,I&R TOTAL	19 584	0.75	0.05	13 954	10 596	3 358	37	124 246	
LOWER MANNVILLE E	1 053	0.60	0.05	600	454	146	37	5 460	4 025
OTHER	5 638			2 962	1 080	1 882		69 648	
TOTAL-KIRBY	36 401			23 536	16 866	6 670		247 118	
KIRKWALL 027-05W4									
VIKING A	725	0.80	0.05	551	543	8	37	293	5 255
VIKING B	869	0.65	0.05	537	529	8	37	294	3 459
OTHER	565			303	92	211		7 775	
TOTAL-KIRKWALL	2 159			1 391	1 164	227		8 362	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
2.85	0.291	0.70	2 390	18	0.952	0.57	281.2	1967	1997	DUKE CDNFRST DIRECT TALISMA HUSKY PANALTA IOL NORCEN PRODUCTION DECLINE
1.30	0.170	0.65	4 320	26	0.918	0.61	656.5	1917	1996	PART OF VIK POOL NO.2 PRODUCTION DECLINE
3.50	0.290	0.60	5 280	29	0.907	0.59	775.2	1994	1996	PART OF VIK POOL NO.2
1.70	0.300	0.60	5 470	30	0.904	0.59	768.9	1977	1996	PART OF VIK POOL NO.2
								1917	1996	TCPL POCO PCOG PANALTA NORCEN CHEL AMOCO CNRL PART OF VIK POOL NO.2
4.52	0.270	0.85	7 060	36	0.876	0.69	952.2	1976	1996	TCPL PRODUCTION DECLINE
1.75	0.232	0.65	6 830	45	0.897	0.61	916.9	1957	1996	TCPL
1.11	0.181	0.35	5 500	24	0.895	0.61	714.8	1917	1989	PART OF VIK POOL NO.2 MATERIAL BALANCE
2.20	0.310	0.50	6 100	37	0.900	0.60	803.3	1976	1995	PART OF VIK POOL NO.2
0.91	0.240	0.50	6 010	32	0.897	0.61	827.4	1976	1982	PART OF VIK POOL NO.2 MATERIAL BALANCE
1.83	0.270	0.60	6 160	35	0.902	0.58	906.4	1976	1994	PART OF VIK POOL NO.2
2.75	0.250	0.60	6 480	35	0.893	0.59	924.9	1978	1996	PART OF VIK POOL NO.2
3.30	0.200	0.65	6 060	32	0.896	0.60	832.3	1976	1982	PART OF VIK POOL NO.2 MATERIAL BALANCE
								1917	1995	CRESTAR CNRL TCPL POCO PART OF VIK POOL NO.2
4.26	0.227	0.60	5 790	32	0.903	0.57	822.7	1976	1996	TCPL
4.05	0.336	0.55	2 330	17	0.954	0.56	380.5	1977	1995	PANALTA PROGAS AMOCO AEC PRODUCTION DECLINE
1.49	0.310	0.70	2 140	22	0.959	0.56	451.0	1978	1997	TCPL PROGAS PANALTA RIOALTO AEC PRODUCTION DECLINE
4.45	0.306	0.75	1 620	20	0.969	0.56	285.1	1977	1997	
3.81	0.326	0.60	2 230	17	0.956	0.56	346.9	1978	1997	
2.10	0.350	0.60	2 310	27	0.959	0.56	377.0	1981	1996	
1.10	0.270	0.70	1 820	13	0.962	0.56	271.4	1981	1996	
1.00	0.280	0.70	1 840	13	0.962	0.56	276.2	1981	1996	
0.70	0.274	0.65	1 810	13	0.962	0.56	270.1	1981	1996	
1.15	0.286	0.75	1 560	11	0.967	0.56	226.4	1980	1997	
0.70	0.298	0.60	1 840	13	0.962	0.56	285.2	1981	1996	
								1977	1997	AEC AMOCO PANALTA PROGAS AEL
1.97	0.305	0.70	1 550	13	0.967	0.57	312.5	1977	1996	PRODUCTION DECLINE
5.51	0.317	0.75	2 120	12	0.955	0.57	418.3	1977	1996	PRODUCTION DECLINE
1.80	0.320	0.70	2 200	15	0.955	0.56	340.1	1979	1996	PRODUCTION DECLINE
								1977	1996	TCPL ALTROAN AEC AMOCO PANALTA RIOALTO PROGAS
2.95	0.296	0.70	2 050	13	0.956	0.56	371.1	1980	1997	AMOCO PANALTA CANST AEL PRODUCTION DECLINE
1.19	0.303	0.65	6 570	31	0.894	0.58	796.9	1968	1997	TCPL CRESTAR MATERIAL BALANCE
1.88	0.290	0.60	6 600	31	0.891	0.58	757.5	1971	1996	NORCEN TCPL PANALTA CRESTAR PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m³	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
KISKIU (SA) 057-02W6									
TOTAL-KISKIU	227			164		164		6 601	
KITSIM 017-16W4									
TOTAL-KITSIM	701			362	17	345		12 551	
KLESKUN (SA) 072-02W6									
TOTAL-KLESKUN	22			15		15		582	
KNAPPEN 001-11W4									
LOWER MANNVILLE G	506	0.85	0.05	409	52	357	36	12 998	150
OTHER	354			240	168	72		2 653	
TOTAL-KNAPPEN	860			649	220	429		15 651	
KNELLER 049-23W4									
TOTAL-KNELLER	840			565	267	298		11 454	
KNOPCIK 074-11W6									
DOE CREEK A	1 173	0.80	0.10	844			40		5 284
DOE CREEK C	27	0.70	0.10	17			40		615
PADDY B	508	0.85	0.10	389			41		1 355
DOE CK A,C & PADDY B TOTAL	1 708	0.80	0.10	1 250	1 107	143	40	5 749	
PADDY A	739	0.85	0.10	565	261	304	40	12 196	3 702
PADDY C	705	0.85	0.10	539	440	99	40	3 982	1 155
FALHER A	729	0.85	0.10	558			40		1 482
BLUESKY A	30	0.75	0.10	21			40		200
FALHER A & BLUESKY A TOTAL	759	0.85	0.10	579		579	40	23 224	
NIKANASSIN D	1 248	0.60	0.05	712	13	699	38	26 464	400
JURASSIC B	1 907	0.70	0.10	1 202			41		3 852
JURASSIC C	831	0.85	0.10	635			38		450
JURASSIC B & C TOTAL	2 738	0.75	0.10	1 837	1 311	526	41	21 319	
HALFWAY C	544	0.80	0.10	392		392	36	14 206	982
HALFWAY N	1 090	0.90	0.05	932	5	927	38	35 634	2 382
DOIG B	1 762	0.90	0.10	1 427	160	1 267	38	47 817	1 203
MONTNEY A	10 507	0.80	0.15	7 145	920	6 225	40	247 506	6 947
MONTNEY B	513	0.85	0.10	392	99	293	40	11 606	300
OTHER	4 422			3 048	1 032	2 016		77 614	
TOTAL-KNOPCIK	26 735			18 818	5 348	13 470		527 317	
LA COREY 063-05W4									
TOTAL-LA COREY	697			412	336	76		2 653	
LA GLACE 074-07W6									
BLUESKY A	2 183	0.80	0.05	1 659	853	806	37	29 758	7 792
HALFWAY C	424	0.85	0.05	342	241	101	39	3 891	684
MONTNEY B	2 388	0.80	0.20	1 528	815	713	40	28 263	4 197
MONT 10-074-08	584	0.90	0.25	395		395	40	15 792	200
OTHER	1 459			887	358	529		20 640	
TOTAL-LA GLACE	7 038			4 811	2 267	2 544		98 344	
LAC LA BICHE 067-13W4									
TOTAL-LAC LA BICHE	502			275	247	28		1 035	
LACOMBE 040-26W4									
TOTAL-LACOMBE	772			525	260	265		10 453	
LAIT 001-10W4									
TOTAL-LAIT	826			581	401	180		6 564	
LAMBERT 051-22W5									
D-3 A	2 184	0.85	0.40	1 114	789	325	38	12 188	400
OTHER	237			158		158		5 946	
TOTAL-LAMBERT	2 421			1 272	789	483		18 134	
LAMONT 053-19W4									
TOTAL-LAMONT	2			1	1				
LANAWAY 036-03W5									
MANNVILLE ASSOC	595	0.80	0.15	405		405	40	16 107	748

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
15.50	0.320	0.85	7 430	28	0.877	0.59	742.7	1981	1994	
2.67	0.188	0.65	6 210	31	0.854	0.66	898.0	1964	1996	
0.84	0.159	0.50	6 170	33	0.863	0.65	906.6	1985	1989	
1.86	0.135	0.70	10 920	51	0.814	0.67	1 399.3	1974	1996	PRODUCTION DECLINE
								1964	1996	CRESTAR ULSTER ENGAGE PROGAS POCO CHAUVCO PANALTA NORCEN IOL
1.81	0.147	0.60	11 510	51	0.808	0.68	1 371.9	1974	1997	PANALTA POCO
4.57	0.157	0.65	11 900	52	0.796	0.69	1 434.8	1984	1997	ULSTER PROGAS IOL
2.62	0.108	0.65	11 960	60	0.824	0.68	1 592.4	1995	1997	PRODUCTION DECLINE
2.00	0.100	0.55	13 660	68	0.847	0.64	1 880.5	1995	1996	
								1995	1997	
19.35	0.152	0.75	14 840	72	0.865	0.65	2 072.4	1989	1996	
2.67	0.121	0.80	18 370	70	0.795	0.74	2 065.0	1980	1996	
13.57	0.121	0.70	16 550	71	0.852	0.67	2 015.8	1989	1995	
								1980	1996	TCPL IOL PANALTA POCO PROGAS CRESTAR CHAUVCO ULSTER
3.55	0.093	0.80	24 200	82	0.924	0.65	2 395.2	1989	1996	TOP/BASE TVD
3.42	0.090	0.80	21 320	85	0.911	0.59	2 163.4	1973	1996	
8.67	0.110	0.75	23 490	80	0.924	0.59	2 392.9	1986	1996	PROGAS NORCEN CRESTAR
5.86	0.140	0.90	22 210	81	0.871	0.70	2 503.5	1994	1997	DEEP CUT SL
8.40	0.120	0.85	21 800	80	0.880	0.66	2 387.2	1995	1996	
3.15	0.127	0.55	12 820	60	0.860	0.64	1 580.0	1979	1997	CRESTAR PROGAS HUSKY CANST CWNGNUL IOL NORCEN SCEPTRE TALISMA ULSTER
2.81	0.123	0.85	14 550	67	0.865	0.61	1 865.9	1988	1997	CWNGNUL PANALTA NORCEN RIFE PRODUCTION DECLINE
5.59	0.112	0.80	18 580	79	0.835	0.74	2 104.1	1981	1997	PROGAS NORCEN PRODUCTION DECLINE
16.00	0.130	0.70	19 280	76	0.783	0.83	2 154.5	1995	1996	
43.95	0.075	0.90	42 750	139	1.033	0.81	4 441.4	1979	1996	PANALTA MATERIAL BALANCE
4.73	0.122	0.80	17 140	77	0.808	0.78	2 234.9	1959	1997	ENGAGE PROGAS CGGS AMOCO

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	ha
LANAWAY 036-03W5 (CONTINUED)									
ELKTON A SOLN	124	0.65	0.10	73[b]			40		
ELKTON A ASSOC	332	0.80	0.10	239[b]	115[b]	197	40	7 886	408
D-3 C	906	0.75	0.20	544	24	520	39	20 218	400
D-3 D	547	0.85	0.15	395	27	368	39	14 282	200
OTHER	1 660			955	238	717		28 192	
TOTAL-LANAWAY	4 164			2 611	404	2 207		86 685	
LANE 065-07W4									
TOTAL-LANE	457			299	121	178		6 637	
LANFINE 025-05W4									
TOTAL-LANFINE	73			48	4	44		1 606	
LAPP 099-10W6									
SLAVE POINT A	894	0.80	0.10	644	294	350	39	13 542	200
SLAVE POINT B	585	0.80	0.10	421	113	308	37	11 264	400
SLAVE POINT C	729	0.85	0.10	558	100	458	39	17 725	200
SLAVE POINT D	752	0.85	0.10	575	58	517	39	20 008	200
OTHER	179			119		119		4 482	
TOTAL-LAPP	3 139			2 317	565	1 752		67 021	
LARNE 116-03W6									
TOTAL-LARNE	1 008			652	315	337		12 789	
LATHOM 020-18W4									
BOW ISLAND A	600	0.85	0.05	485	345	140	36	5 093	75
UPPER MANNVILLE R	570	0.85	0.10	437	102	335	38	12 790	494
OTHER	2 961			1 871	1 046	825		31 451	
TOTAL-LATHOM	4 131			2 793	1 493	1 300		49 334	
LATOR 063-02W6									
TOTAL-LATOR	576			328	96	232		9 019	
LEAHURST 039-18W4									
MANNVILLE II	401	0.85	0.10	307			39		575
MANNVILLE JJ	31	0.75	0.10	21			39		200
MANNVILLE II & JJ TOTAL	432	0.85	0.10	328	156	172	39	6 715	
OTHER	6 438			4 145	942	3 203		122 554	
TOTAL-LEAHURST	6 870			4 473	1 098	3 375		129 269	
LEAMAN 056-10W5									
UPPER MANNVILLE A	129	0.75	0.10	87			40		300
LOWER MANNVILLE F	643	0.85	0.10	492			40		1 492
U MANN A & L MANN F TOTAL	772	0.85	0.10	579	569	10	40	404	
UPPER MANNVILLE C	82	0.75	0.10	56			40		150
NORDEGG B	1 851	0.80	0.10	1 333			39		2 923
U MANN C & NORDEGG B TOTAL	1 933	0.80	0.10	1 389	375	1 014	39	39 505	
OTHER	1 457			975	750	225		8 994	
TOTAL-LEAMAN	4 162			2 943	1 694	1 249		48 903	
LECKIE 019-17W4									
MILK RIVER A	550	0.50	0.05	261			36		6 136
MEDICINE HAT A	233	0.50	0.03	113			36		4 539
MEDICINE HAT C	24	0.50	0.03	12			36		833
SE ALTA GAS SYS (MU) TOTAL	807	0.50	0.05	386	108	278	36	10 139	
OTHER	560			315	153	162		6 151	
TOTAL-LECKIE	1 367			701	261	440		16 290	
LEDDY 084-25W5									
TOTAL-LEDDY	419			257	145	112		4 219	
LEDUC-WOODBEND 050-26W4									
D-2 B SOLN	1 225	0.65	0.30	557	418	139	42	5 778	
D-2 A SOLN	3 775	0.58	0.35	1 424[b]			43		
D-2 A ASSOC	1 074	0.85	0.15	776[b]	2 043[b]	157	43	6 809	3 954
D-3 A SOLN	5 998	0.66	0.30	2 771[b]			40		
D-3 A ASSOC	13 043	0.60	0.15	6 652[b]	9 363[b]	60	40	2 413	6 753
OTHER	5 659			3 440	1 798	1 642		64 420	
TOTAL-LEDUC-WOODBEND	30 774			15 620	13 622	1 998		79 420	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
						0.71		1973	1996	CONCURRENT PRODUCTION
7.44	0.100	0.65	17 490	80	0.838	0.71	2 377.8	1973	1996	CONCURRENT PRODUCTION
18.95	0.094	0.75	18 520	87	0.863	0.72	2 958.5	1984	1996	GULF
26.31	0.050	0.90	27 550	93	0.926	0.71	2 952.8	1984	1995	
7.00	0.160	0.90	20 190	112	0.939	0.61	2 472.5	1996	1997	PRODUCTION DECLINE
9.10	0.120	0.75	19 820	80	0.894	0.65	2 352.8	1996	1997	
15.00	0.170	0.90	19 490	104	0.926	0.61	2 369.5	1997	1997	
12.50	0.190	0.90	19 550	80	0.895	0.61	2 371.3	1997	1997	
13.70	0.180	0.75	8 540	37	0.878	0.58	1 019.8	1972	1995	TCPL PANCDN MATERIAL BALANCE
9.48	0.165	0.65	10 480	43	0.831	0.65	1 148.0	1973	1996	TCPL PANCDN
4.20	0.204	0.75	10 000	46	0.822	0.68	1 245.2	1950	1996	DEEP CUT SL
1.15	0.203	0.65	9 490	47	0.834	0.67	1 260.6	1990	1996	DEEP CUT SL
								1950	1996	PROGAS CDNFRST DEEP CUT SL
2.59	0.146	0.80	14 180	70	0.824	0.69	1 751.1	1976	1996	
2.41	0.141	0.80	15 550	66	0.823	0.67	1 804.7	1972	1994	SLUSH OIL
								1972	1996	CRESTAR TCPL
4.00	0.160	0.60	13 630	59	0.823	0.66	1 606.2	1980	1995	
7.15	0.133	0.55	12 070	62	0.846	0.66	1 638.9	1978	1996	SLUSH OIL
								1978	1996	SLUSH OIL
4.40	0.154	0.55	3 140	16	0.938	0.56	495.8	1910	1994	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
1.19	0.170	0.55	4 310	17	0.916	0.56	584.4	1904	1994	PART OF MED HAT POOL NO.1
0.73	0.140	0.60	4 450	19	0.916	0.56	604.0	1973	1994	PART OF MED HAT POOL NO.3
								1904	1994	NORCEN TCPL PANCDN
						0.78		1950	1997	AMOCO NORCEN GPP
						0.79		1947	1996	IOL NORCEN GARDNER GPP
12.56	0.020	0.80	12 290	66	0.763	0.79	1 500.1	1947	1996	IOL NORCEN GARDNER GPP
						0.77		1947	1994	CWNGNUL IOL NORCEN CHEVRON PRODUCTION DECLINE PREV CONCURRENT PRODN. BLOWDOWN
18.22	0.080	0.85	13 060	67	0.793	0.77	1 604.9	1947	1994	CWNGNUL IOL NORCEN CHEVRON PRODUCTION DECLINE PREV CONCURRENT PRODN. BLOWDOWN

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	ha
LEECH (SA) 060-09W5									
TOTAL-LEECH	25			17		17		656	
LEGAL 057-25W4									
TOTAL-LEGAL	837			598	362	236		8 989	
LEISMER 077-09W4									
CLEARWATER A	24 549	0.65	0.06	15 000			37		73 789
CLEARWATER Q	26	0.50	0.05	12			37		1 051
CLEARWATER Q	6	0.50	0.05	3			37		200
CLEARWATER A&Q TOTAL	24 581	0.65	0.05	15 015	13 694	1 321	37	49 458	
OTHER	4 694			2 543	885	1 658		61 666	
TOTAL-LEISMER	29 275			17 558	14 579	2 979		111 124	
LELAND 059-26W5									
TOTAL-LELAND	385			277	120	157		6 038	
LEMING 065-04W4									
UPPER MANNVILLE E	427	0.75	0.05	304	133	171	37	6 334	1 009
OTHER	3 804			2 105	1 476	629		23 401	
TOTAL-LEMING	4 231			2 409	1 609	800		29 735	
LEO 035-17W4									
BELLY RIVER A	632	0.80	0.10	455			38		5 254
BELLY RIVER J	29	0.70	0.05	19			37		250
BELLY RIVER A & J TOTAL	661	0.80	0.10	474	254	220	38	8 349	
UPPER MANNVILLE F SOLN	10	0.65	0.11	6[b]			39		
UPPER MANNVILLE F ASSOC	2 610	0.80	0.10	1 879[b]	1 826[b]	59	39	2 286	4 102
OTHER	1 192			711	361	350		13 197	
TOTAL-LEO	4 473			3 070	2 441	629		23 832	
LEOPARD 009-20W4									
TOTAL-LEOPARD	102			63	23	40		1 460	
LEPINE 064-03W5									
TOTAL-LEPINE	82			48		48		1 854	
LETHBRIDGE 008-21W4									
TOTAL-LETHBRIDGE	32			22		22		805	
LIEGE 093-21W4									
WABISKAW A		0.60	0.05				37		47 055
WABISKAW D		0.60	0.05				37		4 298
MCMURRAY A		0.55	0.05				37		19 393
MCMURRAY B		0.55	0.05				37		300
MCMURRAY C		0.55	0.05				37		23 547
MCMURRAY D		0.55	0.05				36		200
MCMURRAY E		0.50	0.05				37		400
MCMURRAY F		0.55	0.05				37		1 285
MCMURRAY H		0.55	0.05				37		730
MCMURRAY I		0.55	0.05				37		460
MCMURRAY J		0.50	0.05				37		200
NISKU-U IRETON-GSMT A		0.60	0.05				36		91 291
GROSMONT A		0.85	0.05				36		67 913
GROSMONT D		0.65	0.05				37		200
GROSMONT E		0.60	0.05				37		10 142
GROSMONT H		0.60	0.05				37		400
LEDUC A		0.52	0.05				37		19 971
MANN-DEVONIAN MU#1 TOTAL	31 064	0.65	0.05	19 300	16 226	3 074	37	112 324	
GROSMONT G	570	0.65	0.05	352	345	7	37	256	5 104
OTHER	411			204	59	145		5 297	
TOTAL-LIEGE	32 045			19 856	16 630	3 226		117 877	
LIMESTONE 033-10W5									
RUNDLE D	600	0.85	0.15	434	254	180	39	6 953	530
RUNDLE G	882	0.85	0.10	675	490	185	39	7 132	229
RUNDLE I	2 713	0.20	0.15	462	266	196	39	7 571	1 294
RUNDLE P	898	0.85	0.15	649	245	404	39	15 598	200

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
4.58	0.291	0.70	1 980	9	0.957	0.56	268.8	1967	1996	MATERIAL BALANCE
0.78	0.330	0.45	2 030	14	0.959	0.56	308.2	1994	1996	
0.90	0.300	0.55	1 940	14	0.961	0.56	294.1	1994	1994	
								1967	1997	
2.01	0.329	0.70	2 660	13	0.948	0.56	430.8	1978	1990	IOL PRODUCTION DECLINE
2.49	0.257	0.55	3 230	18	0.924	0.62	532.6	1973	1997	SLUSH OIL
2.80	0.270	0.50	3 020	20	0.942	0.57	485.1	1979	1994	
								1973	1997	
						0.66		1971	1996	AMOCO TCPL CDNFRST WAINOCO CONC PROD. OIL DEPLETED
5.01	0.213	0.70	8 030	42	0.851	0.66	1 122.9	1971	1996	AMOCO TCPL CDNFRST WAINOCO CONC PROD. OIL DEPLETED
3.73	0.309	0.60	920	8	0.980	0.58	211.9	1959	1995	PRODUCTION DECLINE
3.82	0.293	0.80	920	11	0.980	0.58	224.0	1978	1995	PRODUCTION DECLINE
3.71	0.291	0.55	890	16	0.982	0.58	289.3	1980	1995	PRODUCTION DECLINE
2.10	0.293	0.80	900	12	0.981	0.57	234.4	1985	1995	PRODUCTION DECLINE
3.50	0.265	0.50	880	15	0.982	0.58	257.3	1980	1995	PRODUCTION DECLINE
1.80	0.310	0.75	880	14	0.982	0.58	285.9	1985	1995	PRODUCTION DECLINE
0.85	0.306	0.70	900	18	0.982	0.56	410.1	1980	1997	PRODUCTION DECLINE
2.67	0.252	0.45	920	12	0.979	0.58	230.8	1986	1995	PRODUCTION DECLINE
2.43	0.235	0.50	850	7	0.981	0.57	209.7	1986	1995	PRODUCTION DECLINE
1.28	0.290	0.55	900	12	0.981	0.57	232.2	1985	1995	PRODUCTION DECLINE
0.90	0.290	0.70	850	7	0.981	0.58	214.3	1986	1995	PRODUCTION DECLINE
14.95	0.193	0.20	920	14	0.981	0.58	260.5	1974	1995	PRODUCTION DECLINE
18.68	0.119	0.45	930	17	0.981	0.58	343.7	1976	1995	PRODUCTION DECLINE
4.60	0.250	0.85	960	13	0.980	0.58	274.2	1975	1995	PRODUCTION DECLINE
12.09	0.161	0.40	920	12	0.981	0.58	243.9	1981	1995	PRODUCTION DECLINE
13.40	0.120	0.25	900	13	0.981	0.58	260.1	1985	1995	PRODUCTION DECLINE
14.28	0.144	0.35	890	15	0.982	0.58	284.8	1980	1995	PRODUCTION DECLINE
								1959	1995	CNWE CDNFRST NRTHSTR PARAMNT PCOG CANOXY IOL PANALTA PROGAS CANST RIOALTO QUEBEC SHERRIT SUNCOR
6.45	0.124	0.30	880	12	0.981	0.58	243.6	1985	1996	MATERIAL BALANCE
15.43	0.066	0.82	26 050	80	0.915	0.67	3 557.0	1975	1988	TCPL MATERIAL BALANCE
13.87	0.060	0.80	31 300	88	0.980	0.62	3 737.0	1977	1997	HUSKY PRODUCTION DECLINE TOP/BASE TVD. PRODUCING LOC IS 11-5
16.75	0.063	0.90	26 020	87	0.931	0.65	3 414.9	1979	1992	SHELL PANCDN TCPL TOP/BASE TVD
45.00	0.050	0.90	25 310	81	0.917	0.65	3 483.1	1986	1994	SHELL TCPL TOP/BASE TVD

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	ha
LIMESTONE 033-10W5 (CONTINUED)									
RUNDLE A		0.85	0.20				39		1 457
RUNDLE B		0.85	0.20				39		1 752
RUNDLE A & B TOTAL	11 059	0.85	0.20	7 520	5 970	1 550	39	59 877	
RUNDLE E		0.70	0.20				39		672
RUNDLE F		0.70	0.20				39		652
RUNDLE E & F TOTAL	2 411	0.70	0.20	1 350	1 032	318	39	12 275	
RUNDLE C	5 841	0.85	0.15	4 220			39		1 721
RUNDLE M	1 072	0.85	0.20	729			39		400
LEDUC C	177	0.75	0.40	80			37		200
RUNDLE C,M & LEDUC C TOTAL	7 090	0.85	0.15	5 029	2 817	2 212	39	85 715	
WABAMUN A	5 916	0.80	0.25	3 550	2 797	753	38	28 862	2 037
WABAMUN B	2 406	0.50	0.40	722	576	146	38	5 530	1 066
WABAMUN E	706	0.85	0.30	420	350	70	38	2 644	344
WAB 05-034-10	739	0.85	0.30	440		440	38	16 698	200
NISKU A	854	0.85	0.35	472			37		400
LEDUC A	788	0.85	0.35	436			37		282
NISKU A & LEDUC A TOTAL	1 642	0.85	0.35	908	649	259	37	9 627	
NISKU B	675	0.85	0.35	373			37		200
LEDUC B	955	0.80	0.35	497			37		200
NISKU B & LEDUC B TOTAL	1 630	0.80	0.35	870	485	385	37	14 407	
OTHER						< 1		-	
TOTAL-LIMESTONE	38 692			23 029	15 931	7 098		272 889	
LINDBERGH 057-05W4									
TOTAL-LINDBERGH	6 708			4 013	2 085	1 928		71 332	
LINK 034-17W4									
BELLY RIVER D		0.70	0.05				38		128
BELLY RIVER G		0.70	0.05				38		250
BELLY RIVER H		0.70	0.05				37		3 213
BELLY RIVER D,G & H TOTAL	483	0.70	0.05	321	289	32	37	1 190	
OTHER	437			269	176	93		3 453	
TOTAL-LINK	920			590	465	125		4 643	
LITTLE BOW 015-19W4									
UPPER MANNVILLE A	573	0.90	0.10	464	464	< 1	38	-	300
UPPER MANNVILLE RR	560	0.85	0.10	428	113	315	37	11 579	450
OTHER	5 911			3 244	1 401	1 843		69 475	
TOTAL-LITTLE BOW	7 044			4 136	1 978	2 158		81 054	
LITTLE HORSE 077-12W5									
TOTAL-LITTLE HORSE	13			7		7		273	
LITTLE SMOKY 067-22W5									
TOTAL-LITTLE SMOKY	507			349	75	274		10 673	
LLOYDMINSTER 050-01W4									
COLONY	610	0.60	0.05	348	264	84	35	2 955	4 600
SPARKY DD	501	0.70	0.05	333	159	174	35	6 006	2 724
SPARKY ASSOC		0.65	0.05				36		281
SPARKY SOLN	783	0.57	0.40	268[b]			36		
SPARKY ASSOC		0.65	0.05				36		123
SPARKY ASSOC		0.65	0.05				36		70
SPARKY ASSOC		0.65	0.05				36		29
SPARKY		0.70	0.05				36		16
SPARKY ASSOC		0.65	0.05				36		100
SPARKY ASSOC		0.70	0.05				35		32
SPARKY ASSOC		0.70	0.05				36		128
GENERAL PETROLEUM C ASSOC		0.70	0.05				36		75
SPARKY & GEN PETE C&D TOTAL	973	0.60	0.30	392[b]	365[b]	27	36	971	
OTHER	5 180			2 916	1 314	1 602		57 109	
TOTAL-LLOYDMINSTER	7 264			3 989	2 102	1 887		67 041	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
22.78	0.079	0.90	27 450	71	0.900	0.71	3 056.7	1975	1994	PRODUCTION DECLINE TOP/BASE TVD
8.26	0.075	0.85	24 510	78	0.891	0.70	3 193.5	1975	1994	PRODUCTION DECLINE TOP/BASE TVD
								1975	1994	TCPL
19.43	0.066	0.80	24 660	83	0.898	0.69	3 105.2	1976	1994	PRODUCTION DECLINE TOP/BASE TVD
5.68	0.063	0.75	24 660	83	0.898	0.69	3 247.3	1976	1994	PRODUCTION DECLINE TOP/BASE TVD
								1976	1994	TCPL
20.69	0.079	0.90	23 780	62	0.875	0.67	2 809.4	1974	1997	TOP/BASE TVD
17.80	0.073	0.90	24 150	71	0.871	0.72	3 094.5	1988	1995	TOP/BASE TVD
24.38	0.050	0.80	27 860	75	0.828	0.82	3 870.5	1974	1989	PRODUCTION DECLINE TOP/BASE TVD
								1974	1997	TCPL PANCDN
20.58	0.052	0.80	30 250	106	0.953	0.72	3 748.0	1975	1997	TCPL GULF PANCDN PRODUCTION DECLINE TOP/BASE TVD
17.65	0.055	0.85	31 010	95	0.876	0.81	3 755.9	1976	1996	TCPL
18.65	0.070	0.90	29 770	70	0.887	0.75	3 275.9	1987	1996	TCPL PRODUCTION DECLINE TOP/BASE TVD
32.60	0.050	0.95	29 970	111	0.930	0.76	4 063.7	1992	1994	TCPL TOP/BASE TVD
12.60	0.073	0.90	30 660	96	0.916	0.78	3 448.4	1976	1997	TOP/BASE TVD
19.45	0.063	0.85	30 660	91	0.893	0.80	3 542.2	1976	1997	TOP/BASE TVD
								1976	1997	TCPL
20.15	0.075	0.80	31 710	88	0.895	0.81	3 830.3	1976	1996	TOP/BASE TVD
25.35	0.080	0.85	31 930	89	0.906	0.80	3 913.1	1976	1996	TOP/BASE TVD
								1976	1992	TCPL
1.30	0.230	0.55	3 230	29	0.941	0.58	555.3	1984	1997	PRODUCTION DECLINE
3.00	0.230	0.45	3 020	23	0.940	0.57	550.1	1984	1997	PRODUCTION DECLINE
1.98	0.269	0.60	3 090	23	0.943	0.56	572.7	1978	1997	PRODUCTION DECLINE
								1978	1997	CDNFRST POCO
4.30	0.195	0.65	11 580	41	0.806	0.68	1 215.9	1965	1995	
5.93	0.231	0.70	12 000	44	0.829	0.66	1 189.8	1980	1996	CRESTAR CANST PROGAS ENGAGE NONCOMMERCIAL OIL
4.30	0.300	0.60	3 050	22	0.945	0.58	536.1	1943	1985	AMOCO CWNGNUL HUSKY NORCEN TALISMA MATERIAL BALANCE COMPOSITE COLONY RESERVE, SLUSH OIL
2.01	0.285	0.75	4 110	21	0.928	0.58	611.5	1966	1984	AMOCO HUSKY TALISMA
1.99	0.320	0.90	3 480	24	0.936	0.58	589.8	1943	1994	PRODUCTION DECLINE CONCURRENT PRODUCTION
						0.58		1943	1994	PRODUCTION DECLINE CONCURRENT PRODUCTION
3.01	0.320	0.80	3 480	24	0.936	0.59	580.8	1943	1994	PRODUCTION DECLINE ASSIGNED WELL 05-28-049-01W4M
1.77	0.320	0.90	3 480	24	0.936	0.59	585.5	1943	1994	PRODUCTION DECLINE
1.17	0.320	0.90	3 480	24	0.936	0.59	596.1	1943	1994	PRODUCTION DECLINE
1.20	0.320	0.80	4 010	24	0.929	0.58	595.4	1943	1994	PRODUCTION DECLINE ASSIGNED WELL 05-28-049-01W4M
1.24	0.320	0.80	3 480	24	0.937	0.58	593.8	1943	1994	PRODUCTION DECLINE ASSIGNED WELL AO/02-29-049-01W4M
1.31	0.323	0.80	3 780	24	0.933	0.60	581.8	1943	1996	PRODUCTION DECLINE
0.70	0.310	0.70	4 060	24	0.928	0.58	600.2	1943	1994	PRODUCTION DECLINE ASSIGNED WELL 01-02-050-02W4M
0.91	0.251	0.65	4 110	24	0.914	0.63	606.1	1977	1994	PRODUCTION DECLINE
								1943	1994	AMOCO TALISMA CWNGNUL HUSKY NORCEN CONCURRENT PRODUCTION

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	ha
LOCHEND 027-03W5									
CARDIUM A SOLN	1 228	0.65	0.20	638			41		
CARDIUM A, C & E TOTAL	1 228	0.65	0.20	638	387	251	41	10 266	
OTHER	36			17		17		686	
TOTAL-LOCHEND	1 264			655	387	268		10 952	
LOCHINVAR (SA) 041-26W4									
TOTAL-LOCHINVAR	252			162		162		6 205	
LOGAN 072-13W4									
TOTAL-LOGAN	158			83		83		3 082	
LOMOND 018-23W4									
TOTAL-LOMOND	628			410	94	316		12 052	
LONE 089-04W6									
TOTAL-LONE	95			59		59		2 212	
LONE PINE CREEK 030-28W4									
VIKING E	456	0.75	0.10	308	238	70	39	2 730	2 127
WABAMUN A	16 256	0.82	0.27	9 731	8 813	918	37	33 709	17 337
D-3 A SOLN	557	0.65	0.33	243[b]			35		
D-3 A ASSOC	3 074	0.50	0.33	1 030[b]	1 115[b]	158	35	5 565	1 835
OTHER	1 483			898	399	499		19 005	
TOTAL-LONE PINE GREEK	21 826			12 210	10 565	1 645		61 009	
LONG COULEE 016-21W4									
GLAUCONITIC F SOLN	82	0.65	0.25	40[b]			38		
GLAUCONITIC F ASSOC	2 259	0.80	0.20	1 446[b]	1 439[b]	47	38	1 804	1 543
GLAUCONITIC H ASSOC	521	0.90	0.05	446[b]	345[b]	101	38	3 832	247
GLAUCONITIC Z	738	0.85	0.25	470	158	312	38	11 962	150
GLAUCONITIC I ASSOC	2 053	0.85	0.25	1 309[b]			38		1 824
SUNBURST G	2 748	0.85	0.25	1 752[b]			39		3 374
GLC I & SUNBURST G TOTAL	4 801	0.85	0.25	3 061[b]	2 915[b]	146	39	5 630	
SUNBURST D	800	0.90	0.15	612	534	78	39	3 017	1 359
OTHER	6 806			3 706	1 529	2 177		82 939	
TOTAL-LONG COULEE	16 007			9 781	6 920	2 861		109 184	
LOOKOUT BUTTE 001-28W4									
RUNDLE A	13 785	0.59	0.25	6 100	5 941	159	40	6 430	2 858
TOTAL-LOOKOUT BUTTE	13 785			6 100	5 941	159		6 430	
LOON 085-09W5									
TOTAL-LOON	731			225		225		8 778	
LOVETT RIVER 047-19W5									
CARDIUM A	655	0.90	0.10	531	179	352	40	14 098	200
CARDIUM B	377	0.90	0.10	305	92	213	40	8 533	200
RUNDLE A	1 736	0.50	0.10	781		781	39	30 201	1 142
OTHER	220			149		149		5 958	
TOTAL-LOVETT RIVER	2 988			1 766	271	1 495		58 790	
LUBICON 087-10W5									
TOTAL-LUBICON	19			8		8		312	
LUCKY 061-18W4									
TOTAL-LUCKY	1 393			940	552	388		14 541	
LUNNFORD 059-03W5									
TOTAL-LUNNFORD	239			135	27	108		4 180	
LYLE 073-18W4									
TOTAL-LYLE	303			164	19	145		5 347	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
						0.75		1961	1997	GPP
								1961	1997	AMOCO TCPL POCO NORCEN CHEL GPP
1.93	0.102	0.50	8 700	62	0.872	0.67	1 722.1	1990	1995	PANALTA PRODUCTION DECLINE
10.62	0.055	0.80	24 360	81	0.876	0.77	2 438.7	1955	1996	AMOCO TCPL MOBIL PANALTA PANCDN POCO MATERIAL BALANCE
						0.78		1963	1985	AMOCO TCPL NORCEN PRODUCTION DECLINE CONCURRENT PRODUCTION, OIL DEPLETED
17.43	0.070	0.85	22 480	83	0.862	0.78	2 427.1	1963	1985	AMOCO TCPL NORCEN PRODUCTION DECLINE CONCURRENT PRODUCTION, OIL DEPLETED
						0.77		1967	1993	NORCEN TCPL QUEBEC CRESTAR PRODUCTION DECLINE GPP
2.64	0.186	0.80	10 520	41	0.806	0.77	1 462.4	1967	1993	NORCEN TCPL QUEBEC CRESTAR PRODUCTION DECLINE GPP
2.63	0.220	0.75	16 660	51	0.831	0.63	1 385.0	1979	1993	CRESTAR CANST CHAUVCO TCPL PRODUCTION DECLINE CONCURRENT PRODUCTION
17.50	0.220	0.90	12 010	37	0.776	0.80	1 339.7	1989	1996	TCPL CRESTAR
3.01	0.198	0.80	12 930	52	0.807	0.80	1 425.8	1975	1996	PRODUCTION DECLINE GPP
4.40	0.145	0.65	13 270	39	0.747	0.82	1 439.8	1967	1996	PRODUCTION DECLINE
								1967	1995	GPP
3.69	0.154	0.60	13 100	40	0.765	0.76	1 427.3	1982	1996	NORCEN TCPL NRTHSTR SUMMIT QUEBEC CRESTAR MATERIAL BALANCE NONCOMMERCIAL OIL
35.16	0.063	0.80	32 850	88	0.936	0.98	3 626.1	1959	1994	CHAUVCO TCPL PRODUCTION DECLINE PREV GAS CYCLING,BLOWDOWN
20.00	0.110	0.80	17 740	60	0.814	0.67	1 802.8	1992	1995	TOP/BASE TVD
13.70	0.090	0.85	16 440	54	0.794	0.67	1 660.3	1993	1996	TOP/BASE TVD
13.72	0.052	0.85	33 770	103	1.019	0.59	3 599.2	1958	1996	PANALTA TALISMA BER TOP/BASE TVD

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10⁶m³	2 RAW GAS POOL RECOVERY frac	3 RAW GAS SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10⁶m³	5 MARKETABLE GAS NET CUMULATIVE PRODUCTION 10⁶m³	6 MARKETABLE GAS REMAINING ESTABLISHED RESERVES 10⁶m³	7 MARKETABLE GAS GROSS HEAT VALUE MJ/m³	8 MARKETABLE GAS REMAINING ENERGY CONTENT TJ	9 AREA ha
LYNX 062-09W6									
DUNVEGAN B	679	0.70	0.10	428	379	49	40	1 943	200
OTHER	352			247	139	108		4 277	
TOTAL-LYNX	1 031			675	518	157		6 220	
MAJEAU 056-04W5									
TOTAL-MAJEAU	1 316			890	626	264		10 372	
MAJORVILLE 018-19W4									
BELLY RIVER A	603	0.65	0.05	372	328	44	37	1 611	3 201
UPPER MANNVILLE F	734	0.85	0.10	562	80	482	38	18 422	300
UPPER MANNVILLE J	706	0.85	0.10	540	82	458	38	17 363	300
OTHER	2 815			1 915	970	945		35 425	
TOTAL-MAJORVILLE	4 858			3 389	1 460	1 929		72 821	
MALMO 043-22W4									
ELLERSLIE C ASSOC	490	0.80	0.10	353[b]	136[b]	217	39	8 446	131
D-3 B	1 830	0.85	0.20	1 245	755	490	35	17 077	981
D-3 E	541	0.80	0.20	346	24	322	35	11 389	400
OTHER	3 451			1 912	615	1 297		50 331	
TOTAL-MALMO	6 312			3 856	1 530	2 326		87 243	
MANIR 072-03W6									
CHARLIE LAKE A SOLN	228	0.65	0.05	141[b]			39		
CHARLIE LAKE A ASSOC	327	0.85	0.05	264[b]	214[b]	191	39	7 396	783
WAB 25-072-03	793	0.80	0.20	507		507	40	20 209	400
OTHER	699			485		485		18 801	
TOTAL-MANIR	2 047			1 397	214	1 183		46 406	
MANITO 042-20W4									
TOTAL-MANITO	184			113	22	91		3 343	
MANNVILLE 051-08W4									
UPPER&MIDDLE VIKING B	1 029	0.50	0.05	489	350	139	37	5 078	13 648
UPPER&MIDDLE VIKING A		0.65	0.03				36		8 681
UPPER MANNVILLE K		0.75	0.05				38		300
U&M VIK A & UMN K TOTAL	594	0.65	0.05	380	339	41	37	1 499	
UPPER MANNVILLE C	783	0.70	0.05	521	519	2	37	74	2 523
UPPER MANNVILLE F	2 008	0.60	0.05	1 145	767	378	38	14 440	5 522
OTHER	5 345			3 578	2 057	1 521		56 546	
TOTAL-MANNVILLE	9 759			6 113	4 032	2 081		77 637	
MANNY 076-21W4									
TOTAL-MANNY	423			210	46	164		6 064	
MANOLA 058-02W5									
TOTAL-MANOLA	437			228	156	72		2 799	
MANYBERRIES 005-05W4									
BOW ISLAND A	694	0.90	0.05	594	569	25	35	879	2 897
OTHER	3 750			2 082	1 213	869		31 911	
TOTAL-MANYBERRIES	4 444			2 676	1 782	894		32 790	
MARIE 065-02W4									
GRAND RAPIDS B	827	0.60	0.05	471	280	191	37	7 075	2 725
OTHER	757			389	239	150		5 545	
TOTAL-MARIE	1 584			860	519	341		12 620	
MARKERVILLE 036-02W5									
ELLERSLIE E	576	0.85	0.10	441	77	364	40	14 575	450
PEKISKO A	1 865	0.80	0.15	1 268	842	426	40	16 942	3 372
OTHER	1 100			772	342	430		16 967	
TOTAL-MARKERVILLE	3 541			2 481	1 261	1 220		48 484	
MARLBORO 055-19W5									
LEDUC A	6 123	0.70	0.30	3 000	2 071	929	37	34 596	679
OTHER	203			136	70	66		2 651	
TOTAL-MARLBORO	6 326			3 136	2 141	995		37 247	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
9.40	0.070	0.70	27 010	85	0.918	0.67	3 084.0	1980	1994	HUSKY PANALTA TALISMA PRODUCTION DECLINE
6.52	0.250	0.50	1 960	18	0.962	0.57	562.2	1975	1996	PINCL TARRAGN CANST PANALTA PROGAS NORCEN CRESTAR PRODUCTION DECLINE
10.25	0.223	0.75	12 740	41	0.808	0.64	1 390.6	1981	1996	CRESTAR CANST
17.50	0.162	0.60	12 050	38	0.796	0.67	1 317.8	1985	1995	MORRIS
2.99	0.218	0.60	10 210	50	0.816	0.71	1 397.5	1983	1996	CDNFRST NORCEN TCPL MATERIAL BALANCE CONCURRENT PRODUCTION DEPL
15.24	0.093	0.85	15 080	59	0.834	0.74	1 620.1	1959	1996	TCPL NORCEN
11.53	0.113	0.85	11 900	59	0.835	0.76	1 622.4	1980	1995	PROGAS
						0.62		1985	1996	HUSKY CONCURRENT PRODUCTION
2.82	0.136	0.70	15 380	60	0.844	0.62	1 645.4	1985	1996	HUSKY CONCURRENT PRODUCTION
23.10	0.044	0.75	29 380	80	0.910	0.75	2 736.8	1983	1988	HUSKY
1.93	0.198	0.50	3 830	24	0.929	0.59	528.1	1972	1997	ENGAGE PROGAS CWNGNUL PANALTA TCPL
0.93	0.200	0.35	5 580	24	0.894	0.61	568.4	1917	1995	PART OF VIK POOL NO.2 PRODUCTION DECLINE
2.25	0.300	0.80	4 810	24	0.905	0.59	592.4	1972	1995	PART OF VIK POOL NO.2 PRODUCTION DECLINE
								1917	1995	TCPL PART OF VIK POOL NO.2
2.28	0.250	0.65	4 600	22	0.913	0.58	580.3	1970	1997	TCPL PRODUCTION DECLINE
3.72	0.286	0.75	4 340	24	0.912	0.59	588.4	1971	1996	TCPL NONCOMMERCIAL OIL
2.64	0.258	0.65	5 120	20	0.908	0.59	791.9	1947	1997	ALTROAN CMG CRESTAR MATERIAL BALANCE
4.63	0.275	0.65	2 070	21	0.961	0.56	319.1	1978	1997	IOL PRODUCTION DECLINE
8.70	0.115	0.80	16 070	73	0.826	0.71	2 102.4	1988	1996	TCPL POCO SLUSH OIL
11.65	0.063	0.75	15 860	76	0.811	0.76	2 268.7	1976	1997	RANGER AMOCO IOL POCO PROGAS MATERIAL BALANCE SLUSH OIL
59.46	0.063	0.90	34 520	130	0.988	0.73	3 686.5	1965	1987	AMOCO TALISMA PCOG MATERIAL BALANCE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m^3	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
MARSH 054-25W5									
TOTAL-MARSH	216			146		146		5 764	
MARTEN 076-04W5									
TOTAL-MARTEN	1 497			897	513	384		14 258	
MARTEN HILLS 075-25W4									
GRAND RAPIDS A	624	0.75	0.05	444	370	74	37	2 750	4 432
WABISKAW C	408	0.80	0.05	310	283	27	37	996	2 245
WABISKAW A	26 241	0.85	0.05	21 190			37		88 772
WABAMUN A	9 069	0.65	0.05	5 600			37		31 406
WBSK A & WAB A TOTAL	35 310	0.80	0.05	26 790	23 105	3 685	37	136 787	
OTHER	5 768			3 246	1 306	1 940		71 738	
TOTAL-MARTEN HILLS	42 110			30 790	25 064	5 726		212 271	
MARWAYNE 053-01W4									
TOTAL-MARWAYNE	719			433	181	252		9 127	
MATZIWIN 024-14W4									
MILK RIVER A	2 828	0.50	0.05	1 343			36		19 157
MEDICINE HAT A	2 376	0.70	0.03	1 613			36		18 731
MEDICINE HAT C	68	0.50	0.03	33			36		2 328
MEDICINE HAT D	208	0.50	0.03	101			36		5 922
SECOND WHITE SPECKS A	84	0.50	0.05	40			36		1 278
SE ALTA GAS SYS(MU) TOTAL	5 564	0.60	0.05	3 130	1 659	1 471	36	53 647	
OTHER	1 905			1 264	450	814		31 020	
TOTAL-MATZIWIN	7 469			4 394	2 109	2 285		84 667	
MAX 075-19W4									
TOTAL-MAX	123			70	28	42		1 541	
MCADAM (SA) 082-14W4									
TOTAL-MCADAM	47			23		23		850	
MCGREGOR 017-20W4									
TOTAL-MCGREGOR	780			546	166	380		14 173	
MCGUFFIN 066-11W4									
TOTAL-MCGUFFIN	486			261	11	250		9 322	
MCKINLEY 065-22W5									
TOTAL-MCKINLEY	183			123	75	48		1 862	
MCLAUGHLIN 046-01W4									
TOTAL-MCLAUGHLIN	58			35	21	14		484	
MCLEANS CREEK 074-21W5									
TOTAL-MCLEANS CREEK	189			126		126		4 699	
MCLEOD 054-14W5									
CARDIUM A SOLN	20	0.65	0.10	12[b]			38		
CARDIUM A ASSOC	766	0.80	0.10	552[b]	-101[b]	665	38	25 476	2 550
CARDIUM D	513	0.80	0.10	369	311	58	39	2 241	1 786
GETHING D	1 490	0.85	0.15	1 077	499	578	40	23 392	2 099
GETHING O	910	0.80	0.15	619	445	174	41	7 064	4 051
GETHING Z	552	0.85	0.10	422	34	388	39	15 264	300
GETHING C	3 005	0.75	0.10	2 029			39		4 761
GETHING R	40	0.75	0.10	27			40		150
ROCK CREEK A	2 270	0.70	0.10	1 430			40		3 214
ROCK CREEK B	361	0.85	0.10	276			40		955
GETH C,R,RK CK A & B TOTAL	5 676	0.75	0.10	3 762	1 646	2 116	39	83 561	
OTHER	4 146			2 673	529	2 144		85 866	
TOTAL-MCLEOD	14 073			9 486	3 363	6 123		242 864	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
3.76	0.288	0.60	2 070	21	0.960	0.57	542.8	1962	1997	
2.44	0.276	0.60	2 840	31	0.951	0.57	770.1	1971	1996	DIRECT TCPL PRODUCTION DECLINE
5.01	0.279	0.35	2 700	27	0.952	0.57	659.0	1961	1996	PRODUCTION DECLINE
10.06	0.155	0.60	2 710	28	0.952	0.57	718.5	1961	1996	
								1961	1996	AMOCO TCPL CDNFRST HUSKY PANALTA PINCL CNRL CANST
4.06	0.154	0.55	3 140	16	0.938	0.56	411.4	1910	1994	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
2.94	0.170	0.55	4 310	17	0.916	0.56	497.2	1904	1994	PART OF MED HAT POOL NO.1
0.74	0.139	0.60	4 450	19	0.916	0.56	497.9	1973	1987	PART OF MED HAT POOL NO.3
0.89	0.139	0.60	4 450	19	0.916	0.56	526.7	1973	1987	PART OF MED HAT POOL NO.4
0.85	0.216	0.60	5 690	27	0.904	0.56	694.1	1944	1994	PART OF 2WS POOL NO.1
								1904	1994	SCEPTRE TCPL PANALTA CANST CRESTAR TALISMA
						0.67		1972	1996	CHEL TCPL CDNFRST IOL SCEPTRE NORCEN CRESTAR ENGAGE PRODUCTION DECLINE CONC PROD, GAS STOR - EXPIRES FEB 98
4.47	0.097	0.65	9 210	54	0.854	0.67	1 503.2	1972	1996	CHEL TCPL CDNFRST IOL SCEPTRE NORCEN CRESTAR ENGAGE PRODUCTION DECLINE CONC PROD, GAS STOR - EXPIRES FEB 98
4.86	0.099	0.65	9 040	54	0.856	0.66	1 527.4	1982	1996	
5.05	0.140	0.60	16 510	75	0.806	0.75	2 122.0	1982	1996	CRESTAR AMOCO CANOXY CHEL CDNFRST POCO ENGAGE
2.28	0.148	0.70	15 650	77	0.817	0.74	2 120.9	1984	1996	POCO PRODUCTION DECLINE NONCOMMERCIAL OIL
10.00	0.150	0.80	15 310	73	0.821	0.74	2 023.6	1996	1996	
3.75	0.150	0.70	16 140	72	0.830	0.71	2 015.2	1980	1997	
1.50	0.140	0.75	16 940	71	0.819	0.72	2 054.2	1983	1996	
4.68	0.150	0.60	16 910	70	0.836	0.68	1 982.0	1963	1991	NONCOMMERCIAL OIL
2.89	0.158	0.50	16 730	72	0.833	0.69	2 076.8	1987	1996	
								1963	1997	CANOXY MOBIL POCO NORCEN SCEPTRE CRESTAR IOL ULSTER

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	ha
MCMILLAN 074-17W4									
GROSMONT A	593	0.70	0.05	394	331	63	37	2 325	4 702
OTHER	364			216	177	39		1 455	
TOTAL-MCMILLAN	957			610	508	102		3 780	
MCMULLEN 077-26W4									
WABISKAW A		0.60	0.05				37		2 978
WABAMUN A		0.65	0.05				37		200
WBSK A & WAB A TOTAL	1 351	0.65	0.05	808	701	107	37	3 976	
OTHER	721			420	133	287		10 681	
TOTAL-MCMULLEN	2 072			1 228	834	394		14 657	
MEADOW 062-25W4									
TOTAL-MEADOW	93			65	9	56		2 127	
MEANOOK 063-22W4									
TOTAL-MEANOOK	1 761			1 224	765	459		17 175	
MEDALLION 019-27W4									
TOTAL-MEDALLION	106			69	67	2		78	
MEDICINE HAT 013-03W4									
MILK RIVER A	49 323	0.70	0.05	32 800			36		379 324
MEDICINE HAT A	90 574	0.70	0.03	61 500			36		541 112
SECOND WHITE SPECKS P	6	0.60	0.05	4			36		128
SECOND WHITE SPECKS J	407	0.60	0.05	232			36		5 180
LOWER COLORADO SAND A	351	0.60	0.05	200			36		5 560
MEDICINE HAT C	5 360	0.65	0.03	3 379			36		150 927
MEDICINE HAT D	4 948	0.65	0.03	3 120			36		130 618
SECOND WHITE SPECKS A	7 299	0.60	0.05	4 160			36		65 547
SECOND WHITE SPECKS M	11	0.60	0.05	7			36		200
SECOND WHITE SPECKS D	2 078	0.60	0.05	1 185			36		25 157
SECOND WHITE SPECKS K	5	0.60	0.05	3			36		200
SECOND WHITE SPECKS L	13	0.60	0.05	8			37		200
SECOND WHITE SPECKS R	146	0.60	0.05	84			36		4 264
SE ALTA GAS SYS(MU) TOTAL	160 521	0.70	0.05	106 682	83 815	22 867	36	833 502	
SECOND WHITE SPECKS F	458	0.75	0.05	327		327	37	11 939	1 800
BOW ISLAND B		0.40	0.05				36		1 487
BOW ISLAND B		0.40	0.05				36		1 029
BOW ISLAND B TOTAL	1 168	0.40	0.05	444	444	< 1	36	-	
BOW ISLAND L	510	0.80	0.05	388	387	1	37	37	3 642
OTHER	5 586			3 789	2 235	1 554		56 445	
TOTAL-MEDICINE HAT	168 243			111 630	86 881	24 749		901 923	
MEDICINE LODGE 052-21W5									
CARD SD 20-052-21	442	0.85	0.10	338		338	39	13 300	128
VIKING A	1 835	0.85	0.10	1 404	995	409	40	16 229	2 865
WABAMUN A	2 255	0.80	0.05	1 714	1 108	606	36	21 919	817
WABAMUN B	623	0.85	0.20	424	49	375	38	14 224	200
OTHER	702			529	5	524		20 530	
TOTAL-MEDICINE LODGE	5 857			4 409	2 157	2 252		86 202	
MEDICINE RIVER 039-03W5									
GLAUCONITIC A ASSOC	1 766	0.85	0.15	1 276[b]			41		2 006
GLAUCONITIC A SOLN	3 794	0.39	0.20	1 184[b]			41		
GLAUCONITIC A ASSOC	187	0.80	0.15	128[b]			41		227
GLAUCONITIC A TOTAL	5 747	0.55	0.15	2 588[b]	1 476[b]	1 112	41	45 270	
GLAUCONITIC D		0.75	0.10				40		150
OSTRACOD A ASSOC		0.70	0.10				39		874
OSTRACOD A SOLN	220	0.43	0.44	53[b]			39		
OSTRACOD A ASSOC		0.70	0.10				39		233
OSTRACOD A ASSOC		0.70	0.15				40		169
GLAUC D & OST A TOTAL	933	0.70	0.20	513[b]	505[b]	8	40	316	
OSTRACOD C SOLN	90	0.65	0.45	32[b]			42		

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
9.77	0.120	0.40	2 050	19	0.960	0.57	464.4	1971	1992	CNRL PRODUCTION DECLINE
3.46	0.310	0.75	2 680	23	0.950	0.57	556.3	1968	1995	PRODUCTION DECLINE
5.79	0.160	0.60	2 630	22	0.950	0.57	547.9	1968	1995	PRODUCTION DECLINE
								1968	1995	CNRL CANST
5.15	0.154	0.55	3 140	16	0.938	0.56	372.9	1910	1994	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
3.88	0.170	0.55	4 310	17	0.916	0.56	436.1	1904	1994	PART OF MED HAT POOL NO.1 PRODUCTION DECLINE
0.80	0.160	0.60	5 740	19	0.895	0.57	562.8	1978	1994	
1.42	0.150	0.60	5 790	24	0.902	0.57	591.1	1977	1996	
1.13	0.160	0.50	6 520	25	0.891	0.56	753.8	1977	1994	
0.90	0.139	0.60	4 450	19	0.916	0.56	420.2	1973	1994	PART OF MED HAT POOL NO.3
0.96	0.139	0.60	4 450	19	0.916	0.56	463.9	1973	1994	PART OF MED HAT POOL NO.4
1.44	0.216	0.60	5 690	27	0.904	0.56	569.7	1944	1994	PART OF 2WS POOL NO.1
1.10	0.150	0.60	5 330	23	0.908	0.57	562.4	1981	1994	
1.73	0.171	0.55	4 900	26	0.918	0.58	652.9	1975	1996	
0.90	0.150	0.60	5 790	19	0.894	0.57	550.2	1977	1994	PRODUCTION DECLINE
1.21	0.160	0.55	5 700	20	0.894	0.56	619.7	1977	1994	
1.04	0.170	0.60	3 150	22	0.943	0.58	590.3	1975	1994	
								1904	1994	PANCDN NORCEN CGGS CDNFRST AEC ALTROAN CANST WASCANA IOL DIRECT CTYMEDH TCPL CWNGNUL PANALTA RENENER SASKEN POCO NRTHSTR
1.68	0.198	0.60	5 690	27	0.904	0.57	688.3	1976	1992	ALTROAN CRESTAR
5.14	0.284	0.60	6 520	24	0.887	0.57	794.1	1948	1983	
5.77	0.281	0.60	5 750	31	0.907	0.58	802.1	1948	1996	
								1948	1996	SASKEN TCPL CRESTAR
1.49	0.214	0.70	5 840	23	0.895	0.56	657.7	1977	1990	DIRECT CWNGNUL ALTROAN CRESTAR
10.40	0.210	0.85	19 860	80	0.860	0.69	2 395.6	1988	1995	
1.81	0.130	0.80	37 420	89	1.024	0.75	2 866.6	1975	1995	NORCEN PANALTA TALISMA PRODUCTION DECLINE
5.32	0.076	0.75	36 550	126	1.061	0.65	3 758.8	1977	1995	AMOCO PROGAS MATERIAL BALANCE TOP/BASE TVD
19.83	0.090	0.75	33 090	127	1.011	0.66	3 920.9	1979	1996	
3.59	0.127	0.75	26 150	66	0.852	0.77	2 205.8	1963	1997	CONCURRENT PRODUCTION
						0.77		1963	1997	CONCURRENT PRODUCTION
2.96	0.140	0.85	23 010	69	0.819	0.77	2 187.8	1963	1996	
								1963	1997	APACHE DIRECT IOL PROGAS TCPL ENGAGE PANALTA POCO CRESTAR CONCURRENT PRODUCTION
4.27	0.110	0.80	18 460	69	0.812	0.74	2 073.6	1961	1995	PRODUCTION DECLINE
1.96	0.132	0.85	16 090	75	0.830	0.73	2 093.5	1961	1995	PRODUCTION DECLINE CONCURRENT PRODUCTION
						0.73		1961	1995	PRODUCTION DECLINE CONCURRENT PRODUCTION
1.32	0.154	0.75	15 840	74	0.828	0.73	2 067.4	1961	1995	PRODUCTION DECLINE
1.46	0.140	0.70	15 970	74	0.855	0.68	2 078.8	1961	1995	PRODUCTION DECLINE
								1961	1995	NORCEN TCPL CRESTAR CHEVRON CONCURRENT PRODUCTION
						0.72		1963	1995	DIRECT TCPL CRESTAR PRODUCTION DECLINE CONCURRENT PRODUCTION

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE	POOL RECOVERY	SURFACE LOSS	INITIAL ESTABLISHED RESERVES	NET CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES	GROSS HEAT VALUE	REMAINING ENERGY CONTENT	
	10^6m^3	frac	frac	10^6m^3	10^6m^3	10^6m^3	MJ/m^3	TJ	ha
MEDICINE RIVER 039-03W5 (CONTINUED)									
OSTRACOD C ASSOC	2 713	0.85	0.15	1 960[b]	1 932[b]	60	42	2 492	2 923
BASAL QUARTZ C ASSOC	650	0.80	0.15	442	355	87	40	3 463	498
BASAL QUARTZ B ASSOC	48	0.70	0.10	31[b]			38		177
BASAL QUARTZ B SOLN	2 000	0.36	0.45	396[b]			38		
BASAL QUARTZ B ASSOC	12	0.70	0.10	7[b]			38		32
BASAL QUARTZ B TOTAL	2 060	0.35	0.45	434[b]	76[b]	358	38	13 765	
BASAL QUARTZ LL ASSOC		0.90	0.15				41		409
BASAL QUARTZ LL ASSOC		0.90	0.10				38		117
BASAL QUARTZ LL TOTAL	1 159	0.90	0.15	897[b]	709[b]	188	41[a]	7 635	
JURASSIC D SOLN	1 143	0.42	0.30	336[b]			44		
JURASSIC D ASSOC	371	0.80	0.20	238[b]	342[b]	232	44	10 106	281
JURASSIC M	729	0.85	0.10	558	491	67	38	2 565	200
PEKISKO N SOLN	635	0.65	0.15	351	111	240	39	9 432	
PEKISKO N ASSOC	1 420	0.80	0.10	1 022		1 022	39	40 165	1 459
PEKISKO I ASSOC		0.75	0.20				42		187
PEKISKO I SOLN	503	0.65	0.20	262[b]			42		
PEKISKO I ASSOC		0.75	0.20				42		10
PEKISKO I TOTAL	750	0.70	0.20	410[b]	363[b]	47	42	1 967	
PEKISKO P	725	0.85	0.10	554	528	26	38	985	400
PEKISKO W	913	0.85	0.15	660	137	523	40	21 145	200
D-3 E ASSOC	423	0.85	0.15	306[b]	46[b]	260	40	10 504	200
OTHER	12 593			5 892	2 619	3 273		131 066	
TOTAL-MEDICINE RIVER	33 054			17 193	9 690	7 503		300 876	
MEDLEY (SA) 070-02W4									
TOTAL-MEDLEY	305			180		180		6 713	
MEEKWAP 066-15W5									
D-2 A SOLN	1 451	0.56	0.40	488	373	115	41	4 695	
OTHER	66			36		36		1 452	
TOTAL-MEEKWAP	1 517			524	373	151		6 147	
MEGA 101-07W6									
TOTAL-MEGA	63			37		37		1 382	
MELLOWDALE 060-03W5									
TOTAL-MELLOWDALE	215			91	45	46		1 786	
MEYER 070-25W4									
TOTAL-MEYER	2 899			1 856	886	970		36 342	
MICHICHI 030-18W4									
BELLY RIVER F		0.70	0.05				37		2 420
BELLY RIVER U		0.70	0.05				37		250
BELLY RIVER F & U TOTAL	864	0.70	0.05	574	548	26	37	960	
UPPER MANNVILLE B	127	0.75	0.10	86			38		888
LOWER MANNVILLE E	455	0.85	0.10	348			38		1 208
U MANN B & L MANN E TOTAL	582	0.85	0.10	434	191	243	38	9 263	
LOWER MANNVILLE B SOLN	17	0.65	0.10	10[b]			40		
LOWER MANNVILLE B ASSOC	742	0.80	0.10	535[b]	147[b]	398	40	15 721	1 796
OTHER	2 516			1 552	750	802		30 806	
TOTAL-MICHICHI	4 721			3 105	1 636	1 469		56 750	
MIKWAN 036-23W4									
VIKING B	1 510	0.70	0.10	951	870	81	39	3 173	8 177
UPPER MANNVILLE I	410	0.75	0.10	277			39		3 329
LOWER MANNVILLE DD	87	0.70	0.05	58			38		150
U MANN I & L MANN DD TOTAL	497	0.75	0.10	335	102	233	39	8 984	
OTHER	7 106			4 321	2 349	1 972		75 532	
TOTAL-MIKWAN	9 113			5 607	3 321	2 286		87 689	
MILLS 070-10W4									
TOTAL-MILLS	482			235	199	36		1 332	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
3.09	0.129	0.75	22 130	78	0.840	0.72	2 281.4	1963	1995	DIRECT TCPL CRESTAR PRODUCTION DECLINE CONCURRENT PRODUCTION
4.45	0.156	0.65	16 770	76	0.803	0.77	2 142.6	1958	1997	SUNCOR CRESTAR TCPL PRODUCTION DECLINE OIL DEPLETED
1.80	0.138	0.70	16 130	76	0.842	0.71	2 153.3	1959	1996	GPP
						0.71		1959	1996	GPP
2.44	0.140	0.70	16 760	76	0.842	0.71	2 142.6	1959	1996	ASSIGNED WELL 16-20-039-03W5M
								1959	1997	TCPL BLUERGE CRESTAR PCOG GPP
7.47	0.131	0.75	15 600	70	0.822	0.72	2 112.3	1959	1995	MATERIAL BALANCE CONCURRENT PRODUCTION
3.32	0.142	0.70	16 310	75	0.844	0.71	2 103.1	1959	1995	PRODUCTION DECLINE
								1959	1995	CRESTAR PCOG TCPL CONCURRENT PRODUCTION
						0.79		1959	1996	TCPL NORCEN GPP
7.41	0.140	0.75	16 080	72	0.780	0.79	2 124.7	1959	1996	TCPL NORCEN GPP
13.60	0.170	0.80	16 990	76	0.849	0.70	2 161.0	1981	1996	TCPL PRODUCTION DECLINE
						0.73		1962	1997	TCPL CRESTAR
8.05	0.094	0.80	15 980	71	0.822	0.73	2 130.9	1962	1997	TCPL CRESTAR
4.63	0.087	0.75	17 180	76	0.776	0.85	2 179.5	1954	1997	PRODUCTION DECLINE GPP
						0.85		1954	1997	PRODUCTION DECLINE GPP
2.10	0.089	0.75	17 250	76	0.776	0.85	2 182.3	1954	1997	PRODUCTION DECLINE
								1954	1997	AMOCO NORCEN TCPL GPP
22.30	0.100	0.75	16 460	75	0.850	0.70	2 118.9	1963	1995	TCPL PRODUCTION DECLINE
36.80	0.110	0.75	15 140	71	0.832	0.71	2 150.0	1986	1994	
11.30	0.090	0.90	27 080	92	0.914	0.72	3 012.7	1985	1995	TCPL IOL GAS PROD BEFORE OIL DISC. OIL DEPLETED
						0.75		1966	1997	GULF PANCDN
4.68	0.285	0.55	3 060	26	0.945	0.56	621.7	1980	1995	PRODUCTION DECLINE
2.10	0.210	0.45	3 550	22	0.934	0.57	544.6	1990	1995	PRODUCTION DECLINE
								1980	1995	TCPL QUEBEC PANALTA POCO PROGAS ENGAGE CRESTAR
1.62	0.171	0.50	9 710	49	0.834	0.68	1 311.7	1968	1996	
4.73	0.142	0.55	9 620	48	0.835	0.68	1 322.8	1968	1997	
								1968	1997	SCEPTRE TCPL POCO
						0.67		1980	1989	NORCEN POCO TCPL CRESTAR RENENER ENGAGE CONC PROD. OIL DEPLETED
4.68	0.159	0.55	9 490	48	0.833	0.67	1 313.0	1980	1989	NORCEN POCO TCPL CRESTAR RENENER ENGAGE CONC PROD. OIL DEPLETED
2.19	0.130	0.60	7 190	50	0.867	0.68	1 391.8	1968	1996	DUKE PANCDN TCPL TALISMA MATERIAL BALANCE SLUSH OIL
1.15	0.175	0.70	8 850	56	0.875	0.62	1 474.5	1977	1992	
6.20	0.140	0.75	9 060	56	0.879	0.62	1 545.7	1988	1992	
								1977	1994	DUKE CHAUVCO AMOCO CANST CWNGNUL IOL PANCDN SCEPTRE TCPL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10⁶m³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10⁶m³	NET CUMULATIVE PRODUCTION 10⁶m³	REMAINING ESTABLISHED RESERVES 10⁶m³	GROSS HEAT VALUE MJ/m³	REMAINING ENERGY CONTENT TJ	ha
MILO 019-23W4									
TOTAL-MILO	517			334	230	104		4 074	
MINEHEAD 049-19W5									
CARDIUM D	433	0.90	0.10	351			40		400
CARDIUM E	356	0.90	0.20	256			41		300
CARDIUM D&E TOTAL	789	0.90	0.15	607	58	549	40	22 207	
CARDIUM C	4 092	0.70	0.20	2 291			40		3 147
CARDIUM F	112	0.80	0.15	77			41		150
CARDIUM C & F TOTAL	4 204	0.70	0.20	2 368	797	1 571	40	63 484	
BEAVERHILL LAKE A	3 285	0.50	0.30	1 150	71	1 079	37	39 632	2 374
OTHER	1 219			791	19	772		31 154	
TOTAL-MINEHEAD	9 497			4 916	945	3 971		156 477	
MINNEHIK-BUCK LAKE 045-05W5									
CARDIUM J SOLN	709	0.65	0.10	415	414	1	41	41	
OSTRACOD A SOLN	141	0.65	0.10	83[b]			40		
OSTRACOD A ASSOC	359	0.85	0.10	275[b]	225[b]	133	40	5 363	652
ELLERSLIE A	17	0.75	0.10	12			40		150
JURASSIC A	967	0.90	0.15	740			40		2 392
ELRSL A & JUR A TOTAL	984	0.90	0.15	752	683	69	40	2 770	
PEKISKO A	28 235	0.85	0.10	21 600	20 219	1 381	40	55 668	27 111
OTHER	2 137			1 321	410	911		36 778	
TOTAL-MINNEHIK-BUCK LAKE	32 565			24 446	21 951	2 495		100 620	
MIRAGE 079-07W6									
TOTAL-MIRAGE	895			544	82	462		17 957	
MISTAHAE 079-01W5									
TOTAL-MISTAHAE	666			393	234	159		5 910	
MISTY 033-05W4									
TOTAL-MISTY	736			490	177	313		11 589	
MITSUE 071-04W5									
WABISKAW D	627	0.65	0.05	388	254	134	37	5 000	2 767
GILWOOD A ASSOC	64	0.75	0.10	43[b]			36		327
GILWOOD A SOLN	12 669	0.52	0.25	4 941[b]			36		
GILWOOD A ASSOC	119	0.75	0.10	80[b]			36		200
GILWOOD A ASSOC	67	0.80	0.10	49[b]			36		400
GILWOOD A ASSOC	89	0.80	0.15	60[b]			36		200
GILWOOD A ASSOC	77	0.65	0.20	40[b]			38		400
GILWOOD A ASSOC	56	0.70	0.15	33[b]			36		200
GILWOOD A ASSOC	29	0.70	0.15	17[b]			36		200
GILWOOD A TOTAL	13 170	0.55	0.25	5 263[b]	4 618[b]	645	36	23 097	
OTHER	3 870			2 471	1 197	1 274		47 575	
TOTAL-MITSUE	17 667			8 122	6 069	2 053		75 672	
MONITOR 034-04W4									
TOTAL-MONITOR	438			309	272	37		1 349	
MONTAG 085-06W6									
TOTAL-MONTAG	662			479	151	328		12 375	
MOONEY 072-07W5									
TOTAL-MOONEY	130			80		80		2 560	
MOONSHINE 058-01W4									
COLONY A	450	0.80	0.05	342	271	71	37	2 606	2 035
GRAND RAPIDS K	489	0.65	0.05	302	207	95	37	3 477	2 584
OTHER	2 379			1 479	900	579		21 207	
TOTAL-MOONSHINE	3 318			2 123	1 378	745		27 290	
MOORE 067-04W4									
GRAND RAPIDS A	592	0.60	0.05	337	37	300	37	11 172	5 261
OTHER	793			446	204	242		9 011	
TOTAL-MOORE	1 385			783	241	542		20 183	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
4.25	0.138	0.85	23 270	80	0.864	0.70	2 367.8	1968	1996	DEEP CUT SL
5.55	0.118	0.85	22 500	79	0.852	0.71	2 334.4	1987	1996	DEEP CUT SL
								1968	1990	IOL TCPL DEEP CUT SL
5.28	0.141	0.80	23 670	81	0.871	0.69	2 415.1	1966	1996	DEEP CUT SL
4.79	0.087	0.80	23 660	81	0.847	0.77	2 354.6	1988	1997	
								1966	1996	PROGAS IOL TCPL
9.04	0.063	0.90	42 920	146	1.079	0.73	4 381.2	1973	1995	
						0.69		1979	1997	TCPL AMOCO IOL PROGAS CWNGNUL CDNFRST CHEL NORCEN GPP
						0.72		1980	1996	TARRAGN AMOCO TCPL NORCEN PRODUCTION DECLINE CONCURRENT PRODUCTION
0.79	0.145	0.85	16 600	79	0.828	0.72	2 021.8	1980	1996	TARRAGN AMOCO TCPL NORCEN PRODUCTION DECLINE CONCURRENT PRODUCTION
0.80	0.100	0.85	15 750	58	0.795	0.70	2 081.4	1982	1996	
2.38	0.115	0.80	18 950	82	0.822	0.78	2 038.6	1980	1997	
								1980	1997	DUKE TCPL TARRAGN NORCEN PANALTA PROGAS
7.35	0.086	0.75	17 090	85	0.850	0.73	2 110.6	1952	1995	TCPL AMOCO CANST PROGAS NORCEN PANALTA SUNCOR MATERIAL BALANCE SLUSH OIL
1.79	0.257	0.75	3 590	29	0.938	0.56	634.0	1977	1996	CDNFRST SHELL MATERIAL BALANCE
1.37	0.118	0.75	15 860	60	0.840	0.71	1 659.2	1964	1996	GPP
						0.71		1964	1996	GPP
4.10	0.170	0.55	14 320	51	0.808	0.74	1 663.0	1964	1991	ASSIGNED WELL 10-23-069-03W5M
1.00	0.130	0.70	18 100	60	0.840	0.71	1 670.2	1964	1996	
2.11	0.120	0.70	25 340	59	0.868	0.76	1 693.2	1964	1996	ASSIGNED WELL 07-09-071-03W5M
2.58	0.104	0.65	9 830	61	0.756	0.89	1 676.4	1964	1996	
1.20	0.170	0.65	12 560	61	0.819	0.76	1 680.8	1964	1996	PRODUCTION DECLINE ASSIGNED WELL 12-29-71-3W5M
1.20	0.120	0.70	12 440	45	0.782	0.76	1 670.3	1964	1996	ASSIGNED WELL 10-27-069-03W5M
								1964	1996	NORCEN TCPL IOL POCO SHELL GARDNER CHEVRON CONCURRENT PRODUCTION
2.60	0.308	0.70	2 620	15	0.947	0.57	429.1	1984	1996	POCO PRODUCTION DECLINE
3.31	0.308	0.70	2 580	18	0.950	0.57	437.1	1980	1995	DUKE HUSKY RENENER
3.27	0.306	0.65	1 700	16	0.966	0.56	354.8	1981	1997	PROGAS AEC AMOCO

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS	2	3	4 MARKETABLE GAS	5	6	7	8	9
	INITIAL VOLUME IN PLACE 10⁶m³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10⁶m³	NET CUMULATIVE PRODUCTION 10⁶m³	REMAINING ESTABLISHED RESERVES 10⁶m³	GROSS HEAT VALUE MJ/m³	REMAINING ENERGY CONTENT TJ	AREA ha
MOOSE 023-06W5									
RUNDLE B	2 250	0.60	0.20	1 080	809	271	40	10 775	200
RUND 12-023-07	765	0.80	0.25	459		459	40	18 273	200
RUNDLE A	5 870	0.75	0.25	3 302			40		2 658
WABAMUN A	1 014	0.75	0.40	457			39		440
RUNDLE A & WABAMUN A TOTAL	6 884	0.75	0.25	3 759	1 832	1 927	40	76 560	
TOTAL-MOOSE	9 899			5 298	2 641	2 657		105 608	
MORGAN 051-04W4									
TOTAL-MORGAN	964			376	212	164		5 989	
MORINVILLE 055-25W4									
LOWER MANNVILLE A ASSOC		0.80	0.10				38		274
LOWER MANNVILLE A SOLN	8	0.65	0.10	5[b]			38		
LOWER MANNVILLE A ASSOC		0.80	0.10				38		120
LOWER MANNVILLE A ASSOC		0.80	0.10				38		103
LOWER MANNVILLE A ASSOC		0.80	0.10				38		201
LOWER MANNVILLE A ASSOC		0.80	0.10				38		48
LOWER MANNVILLE A ASSOC		0.80	0.10				38		29
LOWER MANNVILLE A ASSOC		0.80	0.10				38		187
LOWER MANNVILLE A ASSOC		0.80	0.10				38		48
LOWER MANNVILLE A ASSOC		0.80	0.10				38		103
LOWER MANNVILLE A TOTAL	977	0.80	0.10	703[b]	626[b]	77	38	2 917	
LOWER MANNVILLE E	448	0.85	0.10	343	343	< 1	38	-	1 573
OTHER	3 228			1 975	1 280	695		26 941	
TOTAL-MORINVILLE	4 653			3 021	2 249	772		29 858	
MORLEY 026-07W5									
TOTAL-MORLEY	259			163	163				
MORNINGSIDE 042-28W4									
GLAUCONITIC D	1 488	0.85	0.10	1 139	1 122	17	40	673	515
GLAUCONITIC F	835	0.85	0.10	639			39		450
ELLERSLIE M	59	0.75	0.10	40			40		150
GLC F & ELRS M TOTAL	894	0.85	0.10	679	321	358	39	14 120	
ELLERSLIE F	621	0.85	0.10	475	447	28	40	1 118	300
OTHER	1 637			1 067	364	703		27 867	
TOTAL-MORNINGSIDE	4 640			3 360	2 254	1 106		43 778	
MOSSLEIGH 021-24W4									
TOTAL-MOSSLEIGH	351			210	80	130		4 888	
MOUNTAIN 047-22W5									
TRIASSIC A	573	0.75	0.10	387	361	26	39	1 010	200
TRIASSIC C	1 467	0.75	0.10	990	922	68	39	2 651	440
OTHER	1 578			1 139	430	709		26 891	
TOTAL-MOUNTAIN	3 618			2 516	1 713	803		30 552	
MULLIGAN 081-08W6									
PADDY A	1 140	0.70	0.05	758	617	141	37	5 280	3 779
OTHER	1 769			1 237	485	752		28 652	
TOTAL-MULLIGAN	2 909			1 995	1 102	893		33 932	
MURIEL LAKE 059-04W4									
MANNVILLE A		0.65	0.05				37		1 024
MANNVILLE A		0.65	0.05				37		75
MANNVILLE A		0.65	0.05				37		1 091
MANNVILLE A		0.65	0.05				37		636
MANNVILLE A TOTAL	805	0.65	0.05	497	401	96	37	3 549	
OTHER	240			151	93	58		2 159	
TOTAL-MURIEL LAKE	1 045			648	494	154		5 708	
MUSIDORA 052-10W4									
TOTAL-MUSIDORA	540			378	206	172		6 404	
MUSKWA (SA) 087-01W5									
TOTAL-MUSKWA	1 094			624	188	436		16 294	
MUSREAU 062-06W6									
TOTAL-MUSREAU	372			261	209	52		2 081	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
60.00	0.070	0.75	15 510	51	0.762	0.75	2 567.3	1978	1995	PROGAS SHELL MATERIAL BALANCE TOP/BASE TVD
50.00	0.070	0.90	12 620	81	0.835	0.78	2 431.3	1994	1996	DUKE BER TOP/BASE TVD
24.98	0.060	0.70	12 980	42	0.717	0.80	2 193.7	1960	1997	MATERIAL BALANCE
29.05	0.050	0.85	14 520	48	0.689	0.82	2 555.0	1977	1996	BER TOP/BASE TVD
								1960	1997	
2.97	0.220	0.70	7 940	41	0.857	0.68	1 082.9	1952	1997	PRODUCTION DECLINE CONCURRENT PRODUCTION
						0.68		1952	1997	PRODUCTION DECLINE CONCURRENT PRODUCTION
2.49	0.220	0.65	7 940	41	0.857	0.68	1 090.8	1952	1997	PRODUCTION DECLINE
4.56	0.220	0.70	7 940	41	0.857	0.68	1 085.1	1952	1990	PRODUCTION DECLINE
5.48	0.200	0.30	7 940	42	0.859	0.68	1 109.3	1952	1990	PRODUCTION DECLINE
2.23	0.220	0.70	7 940	41	0.857	0.68	1 099.8	1952	1990	PRODUCTION DECLINE
0.79	0.220	0.70	7 940	42	0.859	0.68	1 111.4	1952	1990	PRODUCTION DECLINE
4.81	0.204	0.60	7 940	42	0.859	0.68	1 109.3	1952	1990	PRODUCTION DECLINE
0.69	0.200	0.70	7 940	41	0.857	0.68	1 104.4	1952	1990	PRODUCTION DECLINE
4.04	0.215	0.75	7 940	41	0.857	0.68	1 039.4	1952	1990	PRODUCTION DECLINE
								1952	1997	CANST IOL CONCURRENT PRODUCTION
4.27	0.230	0.55	8 000	41	0.868	0.65	1 081.2	1951	1996	NORCEN
12.37	0.130	0.90	15 380	68	0.818	0.72	1 805.4	1993	1996	CHAUVCO NRTHSTR PRODUCTION DECLINE
10.10	0.155	0.80	14 920	71	0.833	0.70	1 809.3	1994	1996	TOP/BASE TVD
2.80	0.140	0.70	13 990	67	0.811	0.73	1 846.8	1994	1996	TOP/BASE TVD
								1994	1996	
4.15	0.150	0.80	15 540	72	0.816	0.73	1 803.7	1985	1997	PROGAS PANCDN QUEBEC PRODUCTION DECLINE
6.30	0.080	0.80	28 840	96	0.964	0.64	3 202.7	1977	1994	PANALTA PRODUCTION DECLINE TOP/BASE TVD
8.40	0.080	0.80	29 430	98	0.980	0.60	3 231.1	1980	1994	PANALTA PRODUCTION DECLINE TOP/BASE TVD
5.12	0.218	0.60	3 200	32	0.946	0.56	661.7	1980	1996	PANALTA MATERIAL BALANCE
2.26	0.290	0.65	2 500	16	0.949	0.57	384.5	1952	1992	PRODUCTION DECLINE
4.30	0.300	0.60	2 560	15	0.948	0.57	407.9	1952	1992	PRODUCTION DECLINE ASSIGNED WELL 11-16-059-04W4M
1.62	0.293	0.70	2 500	18	0.951	0.57	410.5	1952	1992	PRODUCTION DECLINE
1.73	0.302	0.65	2 560	18	0.949	0.57	421.7	1952	1992	PRODUCTION DECLINE
								1952	1992	DUKE PANALTA DIRECT TALISMA

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	ha
MYSTERY 060-07W5									
TOTAL-MYSTERY	30			21		21		815	
NARRAWAY 064-12W6									
TOTAL-NARRAWAY	251			170		170		6 732	
NAYLOR (SA) 097-25W5									
TOTAL-NAYLOR	25			17		17		665	
NEERLANDIA 061-05W5									
ELLERSLIE D	477	0.75	0.05	340	152	188	37	7 046	1 179
OTHER	772			514	319	195		7 504	
TOTAL-NEERLANDIA	1 249			854	471	383		14 550	
NELSON 044-25W4									
TOTAL-NELSON	2 514			1 596	241	1 355		52 346	
NESTOW 060-24W4									
LOWER MANNVILLE H	537	0.75	0.05	383	221	162	37	5 976	1 526
OTHER	1 889			1 237	642	595		21 961	
TOTAL-NESTOW	2 426			1 620	863	757		27 937	
NEVIS 039-22W4									
EDMONTON D	1 140	0.50	0.05	542	488	54	37	2 021	12 890
BELLY RIVER C	1 851	0.65	0.05	1 143	708	435	37	16 095	13 380
VIKING A	631	0.80	0.10	455	345	110	38	4 177	1 939
LOWER MANNVILLE S	540	0.75	0.10	365	107	258	38	9 845	327
LOWER MANNVILLE FF	590	0.80	0.10	425	28	397	38	15 205	150
DEVONIAN ASSOC		0.65	0.20				35		6 364
DEVONIAN ASSOC		0.65	0.20				35		13 051
D-2 C		0.75	0.15				33		128
DEVONIAN & D-2 C TOTAL	33 723	0.65	0.20	17 536	17 271	265			
OTHER	6 884			4 221	1 256	2 965		112 090	
TOTAL-NEVIS	45 359			24 687	20 203	4 484		159 433	
NEW NORWAY 045-21W4									
TOTAL-NEW NORWAY	1 009			449	155	294		10 716	
NEWBROOK 062-20W4									
UPPER MANNVILLE C	781	0.80	0.05	594	436	158	38	5 972	782
OTHER	3 718			2 281	1 102	1 179		44 411	
TOTAL-NEWBROOK	4 499			2 875	1 538	1 337		50 383	
NEWBY 081-05W4									
WABISKAW A	74	0.50	0.05	35			37		1 524
MCMURRAY D	132	0.50	0.05	63			37		1 519
MCMURRAY H	1 644	0.50	0.05	781			37		5 703
WBSK A & MCM D & H TOTAL	1 850	0.50	0.05	879	681	198	37	7 372	
MCMURRAY B	813	0.80	0.05	618	563	55	37	2 054	2 281
MCMURRAY G	877	0.50	0.05	417	56	361	37	13 263	4 403
MCMURRAY I	1 900	0.50	0.05	903	762	141	37	5 156	2 538
MCMURRAY J	481	0.80	0.05	366	344	22	37	818	2 963
MCMURRAY P	837	0.65	0.05	517	460	57	37	2 129	3 766
MCMURRAY T	1 062	0.50	0.05	504	168	336	37	12 402	6 928
OTHER	4 673			2 234	1 217	1 017		37 481	
TOTAL-NEWBY	12 493			6 438	4 251	2 187		80 675	
NEWELL 017-14W4									
MILK RIVER A	1 259	0.80	0.05	957			36		10 526
MEDICINE HAT A	116	0.70	0.03	79			36		3 783
MEDICINE HAT C	112	0.50	0.03	54			36		2 447
MEDICINE HAT D	38	0.50	0.03	18			36		1 377
SE ALTA GAS SYS (MU) TOTAL	1 525	0.75	0.05	1 108	776	332	36	12 108	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
3.36	0.204	0.65	8 550	41	0.852	0.66	1 105.3	1982	1996	TCPL NORCEN AMOCO NRTHSTR TALISMA
3.76	0.226	0.70	5 850	38	0.905	0.61	882.3	1952	1996	PARAMNT TCPL SLUSH OIL
6.22	0.270	0.60	640	22	0.988	0.56	313.7	1979	1995	PANCDN APACHE TCPL PANALTA IOL NORCEN CDNFRST PART OF EDMONTON POOL NO.1 PRODUCTION DECLINE
5.53	0.246	0.50	2 020	21	0.961	0.56	476.3	1977	1997	PANCDN APACHE TCPL PANALTA NORCEN POCO PART OF BR POOL NO.1
1.77	0.137	0.60	7 370	47	0.881	0.63	1 289.4	1981	1997	CHAUVCO TARRAGN CANST GULF PANALTA PANCDN PRODUCTION DECLINE
4.98	0.209	0.80	10 350	54	0.852	0.66	1 411.4	1989	1991	TCPL CHAUVCO AMOCO ENGAGE PANALTA MATERIAL BALANCE
18.00	0.230	0.95	9 710	52	0.849	0.67	1 425.0	1995	1995	
18.40	0.062	0.80	16 140	59	0.822	0.76	1 678.9	1952	1997	PRODUCTION DECLINE OIL DEPLETED
21.56	0.084	0.85	16 100	61	0.826	0.76	1 683.7	1952	1997	PRODUCTION DECLINE OIL DEPLETED
1.10	0.100	0.85	11 630	58	0.872	0.71	1 593.8	1995	1996	PRODUCTION DECLINE
								1952	1997	TCPL CHAUVCO NORCEN GULF HUSKY AMOCO OIL DEPLETED
4.93	0.288	0.75	3 730	23	0.926	0.58	576.9	1975	1995	AMOCO TCPL PANALTA PRODUCTION DECLINE
1.82	0.309	0.60	1 390	10	0.970	0.56	190.4	1979	1984	DEEP CUT SL
2.81	0.268	0.75	1 480	10	0.968	0.56	191.4	1982	1986	DEEP CUT SL
7.93	0.286	0.75	1 620	9	0.964	0.56	207.4	1975	1997	
								1975	1997	PARAMNT IOL TCPL CANOXY TARRAGN QUEBEC CANST DEEP CUT SL
9.47	0.300	0.75	1 730	11	0.962	0.56	211.4	1978	1995	PANALTA PARAMNT CANST TARRAGN PRODUCTION DECLINE
8.64	0.270	0.70	1 170	7	0.974	0.57	216.6	1984	1997	ULSTER IOL CANOXY AEL RIOALTO
4.48	0.290	0.75	1 560	8	0.966	0.57	222.5	1986	1996	PARAMNT TARRAGN CANST PRODUCTION DECLINE
5.19	0.307	0.75	1 350	13	0.972	0.56	232.6	1989	1994	TARRAGN PARAMNT CANST PRODUCTION DECLINE
6.80	0.286	0.70	1 440	8	0.968	0.56	208.7	1979	1995	PARAMNT TCPL CGGS CANOXY CANST TARRAGN MATERIAL BALANCE
8.01	0.293	0.75	860	13	0.982	0.57	185.0	1988	1996	TCPL RIOALTO
10.88	0.154	0.55	3 140	16	0.938	0.56	352.4	1910	1987	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
0.71	0.170	0.55	4 310	17	0.916	0.56	447.7	1904	1989	PART OF MED HAT POOL NO.1
1.16	0.139	0.60	4 450	19	0.916	0.56	470.0	1973	1988	PART OF MED HAT POOL NO.3
0.70	0.139	0.60	4 450	19	0.916	0.56	487.9	1973	1987	PART OF MED HAT POOL NO.4
								1904	1988	TCPL PANALTA CANST PANCDN

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	ha
NEWELL 017-14W4 (CONTINUED)									
OTHER	83			56	39	17		628	
TOTAL-NEWELL	1 608			1 164	815	349		12 736	
NEWTON 058-03W5									
TOTAL-NEWTON	126			84	45	39		1 479	
NIOBE 035-27W4									
TOTAL-NIOBE	16			9		9		350	
NIPIN 074-21W4									
TOTAL-NIPIN	26			16		16		597	
NIPISI 079-08W5									
GILWOOD A SOLN	7 963	0.51	0.40	2 437[b]			39		
GILWOOD A ASSOC		0.60	0.40		1 904[b]	533	39	20 728	
OTHER	577			259	60	199		7 042	
TOTAL-NIPISI	8 540			2 696	1 964	732		27 770	
NITON 054-11W5									
BASAL QUARTZ A SOLN	2	0.65	0.10	1[b]			41		
BASAL QUARTZ A ASSOC	1 309	0.75	0.10	884[b]	466[b]	419	41	16 970	3 284
BASAL QUARTZ O	406	0.90	0.15	310	20	290	40	11 710	400
ROCK CREEK A ASSOC		0.80	0.10				40		2 345
BSL QTZ I & ROCK CK A TOTAL	1 945	0.85	0.10	1 488[b]	1 406[b]	82	40	3 277	
ROCK CREEK F SOLN	791	0.24	0.30	133[b]			40		
ROCK CREEK F ASSOC	10 074	0.75	0.10	6 800[b]	5 993[b]	940	40	37 854	16 053
ROCK CREEK N SOLN	100	0.25	0.62	10[b]			41		
ROCK CREEK N ASSOC	453	0.85	0.15	327[b]	304[b]	33	41	1 337	615
OTHER	2 136			1 432	381	1 051		41 985	
TOTAL-NITON	17 216			11 385	8 570	2 815		113 133	
NIXON 072-16W4									
LOWER MANNVILLE E	1 211	0.70	0.05	806	462	344	37	12 766	21 526
GROSMONT A	3 800	0.50	0.05	1 805	1 738	67	37	2 479	33 485
OTHER	568			295	163	132		4 901	
TOTAL-NIXON	5 579			2 906	2 363	543		20 146	
NORDEGG 041-17W5									
TRIASSIC A		0.85	0.05				37		1 192
RUNDLE A		0.55	0.05				38		746
TRIASSIC A & RUNDLE A TOTAL	886	0.55	0.05	463	460	3	38	113	
TOTAL-NORDEGG	886			463	460	3		113	
NORMANDVILLE 078-21W5									
MISSISSIPPIAN A	553	0.90	0.10	448			38		743
MISSISSIPPIAN C	134	0.75	0.10	91			38		206
MISSISSIPPIAN D	310	0.85	0.10	238			38		283
MISSISSIPPIAN A,C & D TOTAL	997	0.85	0.10	777	656	121	38	4 581	
MISSISSIPPIAN K	224	0.80	0.10	161			37		200
MISSISSIPPIAN L	164	0.80	0.10	118			37		200
MISSISSIPPIAN Q	113	0.75	0.10	77			37		200
MISSIPPIAN K,L & Q TOTAL	501	0.80	0.10	356	27	329	37	12 219	
OTHER	1 113			683	175	508		18 976	
TOTAL-NORMANDVILLE	2 611			1 816	858	958		35 776	
NORRIS 053-18W4									
MIDDLE VIKING A	433	0.75	0.05	309			37		7 834
UPPER MANNVILLE Y	289	0.70	0.05	192			37		2 904
UPPER MANNVILLE RR	19	0.70	0.05	12			38		128
MID VIK A,U MN Y&RR TOTAL	741	0.75	0.05	513	103	410	37	15 133	
LOWER VIKING A	567	0.75	0.10	383		383	38	14 554	6 441
OTHER	2 703			1 671	985	686		25 769	
TOTAL-NORRIS	4 011			2 567	1 088	1 479		55 456	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
						0.85		1965	1992	AMOCO POCO GAS BREAKTHRU, GPP
						0.85		1965	1992	AMOCO POCO GAS BREAKTHRU, GPP
						0.72		1964	1996	TCPL CNWE IOL CRESTAR ENGAGE CONCURRENT PRODUCTION DEPL
2.53	0.137	0.70	16 060	71	0.808	0.72	1 936.2	1964	1996	TCPL CNWE IOL CRESTAR ENGAGE CONCURRENT PRODUCTION DEPL
5.12	0.149	0.70	17 210	67	0.758	0.82	2 002.1	1978	1995	
5.39	0.129	0.75	16 140	76	0.842	0.69	1 847.0	1980	1991	MATERIAL BALANCE CONCURRENT PRODUCTION
								1980	1997	CRESTAR MOBIL DIRECT ENGAGE ULSTER CONCURRENT PRODUCTION
						0.74		1965	1997	DIRECT TCPL CNWE ENGAGE IOL ALTROAN CRESTAR CONCURRENT PRODUCTION
4.22	0.142	0.65	16 200	77	0.817	0.74	1 921.5	1965	1997	DIRECT TCPL CNWE ENGAGE IOL ALTROAN CRESTAR CONCURRENT PRODUCTION
						0.74		1987	1997	POCO ENGAGE PRODUCTION DECLINE CONCURRENT PRODUCTION
3.92	0.132	0.75	15 780	75	0.812	0.74	1 793.9	1987	1997	POCO ENGAGE PRODUCTION DECLINE CONCURRENT PRODUCTION
2.37	0.269	0.40	2 210	24	0.959	0.57	451.3	1969	1996	CWNGNUL
9.60	0.112	0.75	2 260	18	0.955	0.57	461.8	1969	1997	CWNGNUL PRODUCTION DECLINE
5.84	0.056	0.85	12 620	48	0.866	0.57	1 489.5	1960	1997	PRODUCTION DECLINE
10.42	0.046	0.85	12 690	48	0.836	0.62	1 492.9	1960	1997	PRODUCTION DECLINE
								1960	1997	
4.11	0.231	0.65	10 710	36	0.817	0.64	1 050.4	1956	1991	
5.62	0.174	0.60	10 170	40	0.832	0.64	1 066.9	1949	1994	
5.49	0.240	0.65	11 380	38	0.815	0.64	1 088.6	1956	1991	
								1949	1994	NORCEN AEL
6.20	0.220	0.70	10 720	40	0.831	0.65	1 069.6	1978	1996	
5.00	0.200	0.65	11 500	41	0.826	0.65	1 088.5	1978	1996	
6.70	0.150	0.65	8 190	40	0.860	0.65	1 053.2	1978	1995	
								1978	1997	
0.77	0.250	0.60	4 590	27	0.910	0.62	677.7	1977	1995	NONCOMMERCIAL OIL
1.13	0.297	0.55	5 190	29	0.907	0.60	737.0	1977	1995	
1.80	0.240	0.65	5 110	29	0.904	0.59	727.7	1978	1995	
								1977	1995	TCPL POCO NORCEN AMOCO
1.13	0.271	0.55	4 960	28	0.897	0.63	714.5	1972	1996	AMOCO TCPL CDNFRST NORCEN POCO NONCOMMERCIAL OIL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	AREA ha
NORTH STAR 090-22W5									
BLUESKY-DEBOLT A	540	0.85	0.10	413	85	328	38	12 352	1 203
OTHER	293			200	32	168		6 297	
TOTAL-NORTH STAR	833			613	117	496		18 649	
NORTH VALLEY 022-04W5									
RUNDLE A	2 813	0.70	0.20	1 575	123	1 452	40	57 572	1 786
TOTAL-NORTH VALLEY	2 813			1 575	123	1 452		57 572	
NORTHVILLE 052-10W5									
JURASSIC D	1 052	0.85	0.10	805	204	601	40	23 998	2 472
OTHER	633			417	277	140		5 643	
TOTAL-NORTHVILLE	1 685			1 222	481	741		29 641	
NOSEHILL 055-20W5									
TOTAL-NOSEHILL	303			213	45	168		6 066	
O'CHIESE 045-10W5									
OSTRACOD A	1 431	0.70	0.10	902	273	629	40	24 984	4 545
OTHER	341			217	4	213		8 534	
TOTAL-O'CHIESE	1 772			1 119	277	842		33 518	
OAK 083-06W6									
TOTAL-OAK	367			255	8	247		8 819	
OBED 054-23W5									
CARD SD 23-054-23	511	0.85	0.10	391		391	39	15 140	200
D-2 A	4 638	0.40	0.40	1 113	972	141	37	5 283	1 541
D-2 B	555	0.85	0.35	307			37		200
D-3 A	6 073	0.15	0.50	456			37		881
D-2 B & D-3 A TOTAL	6 628	0.20	0.45	763	454	309	37	11 554	
TOTAL-OBED	11 777			2 267	1 426	841		31 977	
OBERLIN 038-21W4									
MANNVILLE E	700	0.90	0.10	567	508	59	39	2 301	150
OTHER	240			154	80	74		2 846	
TOTAL-OBERLIN	940			721	588	133		5 147	
OGSTON 089-10W5									
TOTAL-OGSTON	82			47	13	34		1 261	
OKOTOKS 021-28W4									
WABAMUN B	18 937	0.65	0.54	5 662	4 823	839	37	31 043	20 433
OTHER	1 304			699	88	611		23 455	
TOTAL-OKOTOKS	20 241			6 361	4 911	1 450		54 498	
OLDMAN 055-21W5									
BLSK 16-056-21	441	0.85	0.10	338		338	39	13 121	200
TRIASSIC A	1 528	0.80	0.10	1 100	892	208	39	8 012	3 230
OTHER	211			150	98	52		1 906	
TOTAL-OLDMAN	2 180			1 588	990	598		23 039	
OMEGA 046-01W4									
TOTAL-OMEGA	570			369	285	84		2 795	
ORION 007-07W4									
TOTAL-ORION	375			271	84	187		6 742	
OSBORN 089-07W6									
TOTAL-OSBORN	390			246	124	122		4 651	
OTTER 088-11W5									
TOTAL-OTTER	373			140	11	129		5 058	
OWLSEYE 059-10W4									
TOTAL-OWLSEYE	1 124			665	287	378		14 292	
OYEN 029-05W4									
BELLY RIVER D	592	0.65	0.05	366	332	34	37	1 249	3 783

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
5.63	0.249	0.70	4 340	21	0.917	0.60	459.8	1990	1992	PROGAS
12.14	0.064	0.80	29 350	85	0.920	0.73	3 426.5	1984	1995	TCPL PROGAS PANCDN TOP/BASE TVD
3.14	0.114	0.70	17 300	76	0.830	0.71	1 973.8	1981	1993	AMOCO SCEPTRE
1.60	0.146	0.80	20 790	85	0.869	0.69	2 399.0	1995	1997	PRODUCTION DECLINE
13.20	0.150	0.75	18 550	78	0.873	0.64	2 288.2	1988	1995	TCPL
22.19	0.065	0.80	38 470	135	0.995	0.77	4 008.3	1964	1997	TCPL PRODUCTION DECLINE DEEP CUT SL
20.00	0.060	0.80	37 600	110	0.966	0.77	3 996.5	1988	1994	TOP/BASE TVD, DEEP CUT SL
39.22	0.070	0.90	38 760	136	0.966	0.83	4 080.3	1985	1995	DEEP CUT SL
								1985	1996	DEEP CUT SL
8.80	0.160	0.65	10 070	54	0.838	0.67	1 315.9	1967	1995	TCPL MATERIAL BALANCE
10.04	0.042	0.80	24 800	80	0.727	0.91	2 649.3	1951	1995	CWNGNUL PANALTA TCPL NORCEN GARDNER CRESTAR ENGAGE PRODUCTION DECLINE DEEP CUT SL
16.10	0.100	0.65	24 500	89	0.914	0.65	2 843.0	1995	1996	PROGAS
3.74	0.139	0.80	24 820	106	0.943	0.66	2 932.7	1977	1997	AMOCO TCPL DIRECT PROGAS CDNFRST CNWE NORCEN PRODUCTION DECLINE
3.74	0.330	0.60	1 610	12	0.966	0.57	251.3	1951	1996	PROGAS CDNFRST PANALTA TCPL ENCAL CRESTAR PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS	2	3	4 MARKETABLE GAS	5	6	7	8	9
	INITIAL VOLUME IN PLACE 10⁶m³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10⁶m³	NET CUMULATIVE PRODUCTION 10⁶m³	REMAINING ESTABLISHED RESERVES 10⁶m³	GROSS HEAT VALUE MJ/m³	REMAINING ENERGY CONTENT TJ	AREA ha
OYEN 029-05W4 (CONTINUED)									
VIKING C	469	0.80	0.05	356	341	15	36	547	200
VIKING A	732	0.60	0.05	417			37		4 323
DETRITAL C	342	0.50	0.05	162			37		757
VIKING A & DETRITAL C TOTAL	1 074	0.55	0.05	579	568	11	37	406	
OTHER	2 025			1 250	695	555		20 515	
TOTAL-OYEN	4 160			2 551	1 936	615		22 717	
PADDLE RIVER 057-08W5									
JURASSIC-DETR-RUND ASSOC		0.70	0.12				40		16 124
JURASSIC-DETR-RUND ASSOC		0.70	0.12				40		743
JURASSIC-DETR-RUND ASSOC		0.70	0.12				40		903
JURASSIC DETRITAL&RU ASSOC		0.70	0.12				40		4 408
JURASSIC-DETR-RUND TOTAL	12 824	0.70	0.10	7 900[b]	7 208[b]	692	40	27 832	
OTHER	1 041			671	89	582		22 862	
TOTAL-PADDLE RIVER	13 865			8 571	7 297	1 274		50 694	
PAGEANT 018-21W4									
TOTAL-PAGEANT	1 283			876	286	590		22 534	
PAKOWKI LAKE 004-06W4									
BOW ISLAND A	549	0.75	0.05	391	384	7	34	241	6 888
OTHER	1 080			776	418	358		13 010	
TOTAL-PAKOWKI LAKE	1 629			1 167	802	365		13 251	
PANNY 095-05W5									
TOTAL-PANNY	1 211			592	100	492		18 534	
PANTHER RIVER 030-10W5									
RUNDLE A	1 039	0.90	0.15	795	207	588	37	21 662	200
RUNDLE B	744	0.80	0.20	476	129	347	37	12 981	200
RUNDLE D	2 671	0.75	0.30	1 402	415	987	37	36 953	400
RUNDLE E	2 541	0.85	0.20	1 728	103	1 625	38	61 035	200
TV 36-029-11	645	0.85	0.25	411		411	37	15 400	200
TOTAL-PANTHER RIVER	7 640			4 812	854	3 958		148 031	
PARADISE 047-02W4									
TOTAL-PARADISE	99			67	32	35		1 197	
PARFLESH 025-22W4									
TOTAL-PARFLESH	938			562	174	388		15 321	
PARKER 070-05W5									
TOTAL-PARKER	256			151	105	46		1 719	
PARKLAND 015-28W4									
TOTAL-PARKLAND	60			36	36				
PARKLAND NORTHEAST 015-27W4									
GLAUCONITIC A	789	0.85	0.10	604	322	282	39	11 071	1 303
OTHER	2 110			1 519	595	924		36 211	
TOTAL-PARKLAND NORTHEAST	2 899			2 123	917	1 206		47 282	
PAUL (SA) 072-26W4									
TOTAL-PAUL	107			67		67		2 502	
PAXON 065-21W4									
TOTAL-PAXON	129			72	62	10		374	
PEACOCK 014-27W4									
TOTAL-PEACOCK	206			140	90	50		1 943	
PEARL 030-16W4									
TOTAL-PEARL	202			136	49	87		3 300	
PEAVEY 057-24W4									
TOTAL-PEAVEY	604			383	297	86		3 301	
PECO 047-15W5									
GETHING A	6 471	0.70	0.20	3 624	2 015	1 609	41	66 645	10 135
NISKU A	988	0.85	0.10	756	601	155	38	5 915	128
NISKU B	1 650	0.65	0.10	966	45	921	39	35 459	200

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
5.20	0.290	0.60	6 670	29	0.888	0.59	784.9	1951	1995	TCPL PRODUCTION DECLINE
2.07	0.275	0.55	6 670	34	0.895	0.58	765.2	1963	1996	PRODUCTION DECLINE
2.77	0.285	0.65	8 200	34	0.870	0.58	873.0	1963	1996	PRODUCTION DECLINE
								1963	1996	IOL TCPL CANST NORCEN
6.42	0.152	0.50	12 230	60	0.822	0.69	1 528.8	1957	1987	PRODUCTION DECLINE GPP
4.19	0.145	0.35	12 230	60	0.822	0.69	1 528.2	1957	1987	PRODUCTION DECLINE
2.72	0.145	0.35	12 230	60	0.822	0.69	1 458.0	1957	1987	PRODUCTION DECLINE
4.38	0.076	0.60	12 240	55	0.813	0.70	1 548.9	1957	1991	PRODUCTION DECLINE CONCURRENT PRODUCTION, OIL DEPLETED
								1957	1987	CRESTAR CWNGNUL GPP
1.27	0.252	0.70	5 540	27	0.913	0.59	667.8	1955	1997	CMG IOL CRESTAR PRODUCTION DECLINE
35.00	0.060	0.85	36 540	78	1.017	0.66	3 936.6	1958	1996	SHELL
48.00	0.040	0.85	30 640	114	0.988	0.67	4 556.5	1973	1994	SHELL TOP/BASE TVD
53.85	0.050	0.85	39 280	102	1.021	0.74	4 587.4	1978	1997	SHELL TOP/BASE TVD
111.00	0.050	0.85	35 550	99	1.009	0.69	4 408.3	1960	1995	
35.30	0.040	0.85	36 060	105	1.010	0.71	4 708.4	1980	1995	SHELL TOP/BASE TVD
6.13	0.101	0.65	15 040	65	0.841	0.65	2 294.0	1976	1997	PANALTA PROGAS
2.20	0.127	0.80	38 600	99	1.033	0.85	3 048.9	1971	1997	IOL TCPL CONOCO DEEP CUT SL
30.00	0.050	0.90	72 120	119	1.461	0.72	3 970.1	1981	1995	DIRECT AMOCO TALISMA PRODUCTION DECLINE
28.00	0.090	0.90	70 400	105	1.456	0.73	3 733.0	1996	1997	

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 RAW GAS POOL RECOVERY frac	3 RAW GAS SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 MARKETABLE GAS NET CUMULATIVE PRODUCTION 10^6m^3	6 MARKETABLE GAS REMAINING ESTABLISHED RESERVES 10^6m^3	7 MARKETABLE GAS GROSS HEAT VALUE MJ/m^3	8 MARKETABLE GAS REMAINING ENERGY CONTENT TJ	9 AREA ha
PECO 047-15W5 (CONTINUED)									
OTHER	3 365			2 065	545	1 520		61 123	
TOTAL-PECO	12 474			7 411	3 206	4 205		169 142	
PEDIGREE 100-12W6									
BLUESKY-MONTNEY A	5 075	0.75	0.10	3 427	1 180	2 247	42[a]	94 396	6 300
OTHER	160			101	64	37		1 429	
TOTAL-PEDIGREE	5 235			3 528	1 244	2 284		95 825	
PEERLESS 079-22W4									
TOTAL-PEERLESS	79			50		50		1 867	
PEIGAN 008-08W4									
TOTAL-PEIGAN	114			86	45	41		1 472	
PELICAN 079-24W4									
TOTAL-PELICAN	1 856			1 164	567	597		22 267	
PEMBINA 048-07W5									
BELLY RIVER A	879	0.80	0.05	668	662	6	38	229	1 966
BELLY RIVER ZZ	573	0.75	0.10	387	363	24	38	913	1 022
BELLY RIVER C ASSOC	42	0.65	0.10	24[b]			38		277
BELLY RIVER C SOLN	4 627	0.33	0.29	1 084[b]			38		
BELLY RIVER C ASSOC	20	0.70	0.10	13[b]			40		64
BELLY RIVER C	4	0.70	0.10	3[b]			39		64
BELLY RIVER C,D & H3H TOTAL	4 693	0.35	0.30	1 124[b]	898[b]	226	38	8 608	
BELLY RIVER A2A SOLN	57	0.65	0.35	24[b]			39		
BELLY RIVER A2A ASSOC	1 010	0.80	0.10	727[b]	588[b]	163	39	6 412	2 341
CARDIUM SOLN	251 333	0.15	0.48	19 604	15 823	3 781	40	152 828	
CARDIUM Z	390	0.90	0.10	316	79	237	40	9 397	1 618
VIKING G ASSOC	655	0.75	0.15	417	39	378	41	15 362	959
GLAUCONITIC A	2 130	0.80	0.10	1 534			40		4 117
GLAUCONITIC A	445	0.80	0.10	320			40		372
GLAUCONITIC A	1 568	0.80	0.10	1 129			40		2 300
GLAUCONITIC A	254	0.75	0.10	172			40		300
GLAUCONITIC A	1 390	0.80	0.10	1 001			40		1 950
GLAUCONITIC A	429	0.80	0.10	309			40		1 709
GLAUCONITIC A		0.75	0.10				40		50
GLAUCONITIC A TOTAL	6 215	0.80	0.10	4 465	3 958	507	40	20 027	
GLAUCONITIC E		0.75	0.10				40		3 738
GLAUCONITIC G		0.75	0.10				40		1 804
GLAUCONITIC E & G TOTAL	5 520	0.75	0.05	3 933	3 320	613			
GLAUCONITIC I	4 062	0.70	0.06	2 672			39		4 822
GLAUCONITIC D	133	0.75	0.10	90			39		150
OSTRACOD C	408	0.75	0.10	275			40		1 292
GLC I, GLC D&OST C TOTAL	4 603	0.70	0.05	3 037	2 232	805	39	31 620	
JURASSIC BBB	725	0.80	0.10	522	264	258	39	10 106	4 065
JURASSIC GGG	512	0.85	0.10	392	329	63	40	2 523	527
BANFF E	560	0.85	0.15	405	352	53	40	2 139	440
NISKU A SOLN	732	0.78	0.40	343[b]			43		
NISKU A ASSOC		0.80	0.15		295[b]	48	43	2 042	
NISKU D SOLN	700	0.80	0.15	476[b]			43		
NISKU D ASSOC		0.80	0.15		-121[b]	597	43	25 402	
NISKU L SOLN	620	0.82	0.20	406[b]			43		
NISKU L ASSOC		0.85	0.15		-316[b]	722	43	30 721	
NISKU P SOLN	791	0.78	0.25	463[b]			43		
NISKU P ASSOC		0.85	0.25		-306[b]	769	43	32 721	
NISKU BB	873	0.90	0.45	432	24	408	40	16 251	200
NIS 24-048-10	709	0.85	0.20	482		482	38	18 422	200
OTHER	29 500			17 367	4 833	12 534		501 728	
TOTAL-PEMBINA	311 650			55 990	33 316	22 674		887 451	
PENDANT D'OREILLE 004-09W4									
BOW ISLAND B	451	0.80	0.05	343	330	13	35	457	4 557
BOW ISLAND		0.65	0.05				35		17 561
BOW ISLAND F		0.85	0.05				35		8 776
BOW ISLAND G		0.85	0.05				35		970

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
10.34	0.161	0.45	5 820	36	0.881	0.64	973.7	1981	1997	GULF PROGAS CHEL
5.85	0.190	0.55	6 910	38	0.885	0.59	976.1	1956	1997	TALISMA PRODUCTION DECLINE SLUSH OIL
2.92	0.188	0.65	6 530	34	0.872	0.64	885.7	1973	1997	CWNGNUL POCO TALISMA PRODUCTION DECLINE NONCOMMERCIAL OIL
1.96	0.177	0.55	7 630	39	0.868	0.62	1 048.1	1959	1997	SOLN MU-BR C,O & H3H, GPP
						0.62		1959	1997	SOLN MU-BR C,O & H3H, GPP
2.74	0.220	0.60	7 740	36	0.823	0.69	968.2	1960	1996	
0.70	0.190	0.60	7 410	34	0.837	0.68	903.7	1960	1993	ASSIGNED WELL 10-17-048-02W5M
								1959	1995	GARDNER CWNGNUL ENGAGE NORCEN PANCDN POCO TALISMA CHEL GPP
						0.68		1978	1997	AMOCO IOL CANST CONCURRENT PRODUCTION
5.39	0.133	0.60	9 410	48	0.831	0.68	1 294.1	1978	1997	AMOCO IOL CANST CONCURRENT PRODUCTION
						0.70		1953	1994	CRESTAR SCEPTRE CNWE CANOXY CHEL AMOCO TALISMA IOL POCO CDNFRST CWNGNUL PANALTA NORCEN TCPL PANCDN RIFE GARDNER SUNCOR GPP
2.18	0.091	0.70	15 860	55	0.793	0.69	1 499.2	1961	1997	
4.11	0.144	0.75	12 950	47	0.748	0.74	1 715.9	1985	1997	PROGAS GAS PRODUCED BEFORE OIL DISCOVERED
7.43	0.135	0.55	13 230	58	0.812	0.68	1 823.4	1957	1996	MATERIAL BALANCE
6.61	0.122	0.60	13 000	58	0.813	0.68	1 785.2	1957	1996	MATERIAL BALANCE
6.72	0.136	0.55	12 750	55	0.808	0.68	1 738.3	1957	1994	PRODUCTION DECLINE INCLUDES SEQ 007 RESERVES
6.10	0.155	0.70	12 540	62	0.831	0.67	1 745.1	1957	1994	
6.76	0.119	0.60	13 520	58	0.810	0.68	1 762.8	1957	1994	MATERIAL BALANCE
6.53	0.123	0.60	12 920	61	0.820	0.68	1 914.8	1957	1994	PRODUCTION DECLINE
8.84	0.150	0.70	12 970	62	0.815	0.69	1 738.3	1957	1994	PRODUCTION DECLINE RES ON SEQ 003,AS WELL 6-36-50-7W5
								1957	1994	PROGAS AMOCO CWNGNUL HUSKY PANALTA SUNCOR
8.43	0.137	0.65	13 600	57	0.800	0.70	1 699.0	1960	1995	MATERIAL BALANCE
4.70	0.137	0.65	13 650	57	0.800	0.70	1 686.9	1960	1995	MATERIAL BALANCE
								1960	1995	SHELL PANALTA NORCEN AMOCO CWNGNUL CANST
7.56	0.131	0.55	14 860	59	0.823	0.67	1 854.4	1958	1996	PART OF GLAUC POOL NO.5
8.07	0.140	0.60	12 760	60	0.833	0.66	1 846.4	1960	1996	PART OF GLAUC POOL NO.5
1.99	0.133	0.75	15 870	68	0.831	0.68	1 887.4	1970	1996	PART OF GLAUC POOL NO.5
								1958	1996	PROGAS AMOCO IOL PART OF GLAUC POOL NO.5
3.14	0.094	0.65	20 580	93	0.887	0.69	2 232.1	1981	1997	PROGAS PRODUCTION DECLINE
2.65	0.154	0.80	15 610	62	0.808	0.72	1 786.3	1990	1997	PROGAS CNWE PRODUCTION DECLINE SLUSH OIL
4.20	0.140	0.75	15 380	86	0.852	0.72	1 877.9	1985	1997	PCOG TALISMA PRODUCTION DECLINE
						0.80		1977	1997	CHEVRON GPP
						0.80		1977	1997	CHEVRON GPP
						0.80		1978	1988	AMOCO CANOXY IOL CHEVRON GPP
						0.80		1978	1988	AMOCO CANOXY IOL CHEVRON GPP
						0.80		1978	1986	IOL POCO GPP
						0.80		1978	1986	IOL POCO GPP
						0.80		1979	1987	GPP
						0.80		1979	1987	GPP
17.90	0.100	0.90	25 420	88	0.739	1.08	2 865.3	1992	1994	
14.30	0.100	0.90	33 070	85	0.954	0.73	2 823.5	1991	1995	
1.26	0.244	0.75	5 100	26	0.915	0.58	654.3	1954	1996	CRESTAR CMG PRODUCTION DECLINE
2.32	0.251	0.70	4 670	25	0.922	0.58	620.8	1946	1983	MATERIAL BALANCE
1.64	0.209	0.55	4 950	27	0.919	0.58	675.8	1946	1989	MATERIAL BALANCE
1.34	0.200	0.65	4 850	25	0.913	0.58	635.7	1946	1983	MATERIAL BALANCE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	AREA ha
PENDANT D'OREILLE 004-09W4 (CONTINUED)									
BOW ISLAND H		0.85	0.05				35		1 926
BOW ISLAND J		0.85	0.05				35		200
BOW ISL & BI FGH&J TOTAL	5 201	0.85	0.05	4 200	3 825	375	35	13 103	
MANNVILLE A	1 217	0.90	0.05	1 040	965	75	37	2 771	2 108
MANNVILLE C	1 306	0.85	0.05	1 055	1 022	33	37	1 217	1 417
MANNVILLE H	454	0.75	0.05	324	199	125	37	4 618	751
OTHER	953			625	470	155		5 322	
TOTAL-PENDANT D'OREILLE	9 582			7 587	6 811	776		27 488	
PENHOLD 036-27W4									
LOWER MANNVILLE B	819	0.85	0.10	626	564	62	40	2 478	648
LOWER MANNVILLE E ASSOC	683	0.80	0.10	491[b]			40		2 515
LOWER MANNVILLE E SOLN	27	0.65	0.10	16[b]			40		
LOWER MANNVILLE H	19	0.75	0.10	13[b]			40		150
L MANN E & H TOTAL	729	0.80	0.10	520[b]	317[b]	203	40	8 043	
OTHER	2 214			1 381	337	1 044		40 861	
TOTAL-PENHOLD	3 762			2 527	1 218	1 309		51 382	
PENNY 008-22W4									
TOTAL-PENNY	511			278	50	228		8 110	
PEORIA 076-02W6									
TOTAL-PEORIA	749			494		494		17 232	
PERRYVALE 064-23W4									
TOTAL-PERRYVALE	282			190	11	179		6 767	
PETER 072-01W5									
TOTAL-PETER	820			486	247	239		8 963	
PETITOT 121-11W6									
TOTAL-PETITOT	386			258	23	235		8 798	
PHILOMENA 071-10W4									
GRAND RAPIDS C	720	0.50	0.05	342	271	71	37	2 622	3 925
OTHER	736			370	219	151		5 594	
TOTAL-PHILOMENA	1 456			712	490	222		8 216	
PHILP 002-12W4									
TOTAL-PHILP	345			245	50	195		7 129	
PHOENIX 039-10W5									
TOTAL-PHOENIX	200			115	67	48		1 956	
PICA 084-05W6									
CHARLIE LAKE A	442	0.85	0.05	357	274	83	38	3 159	675
OTHER	683			480	197	283		10 656	
TOTAL-PICA	1 125			837	471	366		13 815	
PINCHER CREEK 004-29W4									
RUNDLE A	44 710	0.30	0.29	9 523	9 486	37	39	1 437	5 666
RUNDLE B	575	0.85	0.20	391	110	281	38	10 616	200
RUNDLE C	1 532	0.85	0.20	1 042	16	1 026	38	38 732	200
TOTAL-PINCHER CREEK	46 817			10 956	9 612	1 344		50 785	
PINE CREEK 057-19W5									
BELLY RIVER C	388	0.85	0.05	314	214	100	36	3 611	250
CARDIUM H SOLN	1 019	0.65	0.15	563			37		
CARDIUM H & I TOTAL	1 019	0.65	0.15	563	505	58	37	2 163	
BLUESKY D	1 345	0.70	0.15	801	122	679	42	28 409	1 234
BLUESKY A		0.75	0.10				41		6 341
GETHING A		0.75	0.10				40		150
GETHING D	68	0.70	0.10	43			39		300
GETHING E	278	0.75	0.10	188			42		150
GETHING F	176	0.75	0.10	119			40		150
CADOMIN A	285	0.75	0.15	182			40		150
BLSK A,GE ADEF&CDM A TOTAL	5 675	0.75	0.10	3 818	2 477	1 341	41	54 686	
NORDEGG A		0.75	0.15				39		9 628

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
1.37	0.240	0.55	4 850	26	0.913	0.58	653.4	1946	1983	MATERIAL BALANCE
2.10	0.209	0.70	5 030	24	0.914	0.58	669.5	1957	1983	MATERIAL BALANCE
								1946	1983	CMG IOL CRESTAR
6.32	0.210	0.60	7 930	32	0.876	0.57	837.8	1961	1971	CMG MATERIAL BALANCE
7.53	0.221	0.75	5 930	32	0.905	0.57	817.9	1965	1995	CMG PRODUCTION DECLINE
5.38	0.188	0.70	7 940	30	0.872	0.57	867.6	1971	1988	CMG CRESTAR
10.15	0.131	0.85	15 020	73	0.811	0.75	1 898.4	1971	1996	BLUERGE CNRL CDNFRST PRODUCTION DECLINE SLUSH OIL
1.86	0.134	0.75	14 700	75	0.827	0.72	1 889.9	1985	1992	GPP
						0.72		1985	1992	GPP
1.20	0.120	0.65	14 000	79	0.827	0.75	1 893.4	1985	1990	
								1985	1992	BLUERGE TCPL ENGAGE TALISMA CDNFRST GPP
3.41	0.309	0.65	1 760	14	0.964	0.56	292.3	1978	1996	AEC QUEBEC RIOALTO PRODUCTION DECLINE
2.36	0.199	0.80	8 510	36	0.865	0.58	1 006.6	1992	1997	TCPL PRODUCTION DECLINE
107.59	0.040	0.80	34 080	89	0.953	0.77	3 674.9	1948	1994	TCPL CRESTAR PRODUCTION DECLINE PREV GAS CYCLING, BLOWDOWN
24.14	0.050	0.85	36 330	95	1.001	0.69	4 282.5	1983	1994	MOBIL CHEVRON TOP/BASE TVD
40.50	0.080	0.85	35 230	93	0.984	0.70	4 218.4	1989	1994	TOP/BASE TVD
9.80	0.130	0.50	11 730	55	0.884	0.58	1 589.8	1980	1996	PRODUCTION DECLINE
						0.71		1974	1997	SOLN MU-CARDIUM H & I GPP
								1974	1997	AMOCO TALISMA TCPL PANALTA ULSTER GPP
7.99	0.091	0.75	20 200	84	0.805	0.81	2 332.7	1982	1995	CANST
6.97	0.101	0.75	21 460	94	0.865	0.74	2 582.9	1961	1995	PRODUCTION DECLINE
2.10	0.140	0.90	21 140	82	0.874	0.67	2 500.5	1985	1995	PRODUCTION DECLINE
2.55	0.104	0.60	16 120	89	0.888	0.65	2 541.3	1980	1994	
13.30	0.140	0.65	17 460	102	0.864	0.72	2 487.0	1988	1994	
5.50	0.150	0.70	21 840	83	0.858	0.72	2 557.8	1995	1997	TOP/BASE TVD
11.00	0.130	0.70	21 160	96	0.860	0.77	2 751.8	1991	1996	
								1961	1997	
4.62	0.102	0.75	22 260	93	0.914	0.65	2 744.4	1976	1997	PRODUCTION DECLINE TOP/BASE TVD, DEEP CUT SL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 RAW GAS POOL RECOVERY frac	3 RAW GAS SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 MARKETABLE GAS NET CUMULATIVE PRODUCTION 10^6m^3	6 MARKETABLE GAS REMAINING ESTABLISHED RESERVES 10^6m^3	7 MARKETABLE GAS GROSS HEAT VALUE MJ/m³	8 MARKETABLE GAS REMAINING ENERGY CONTENT TJ	9 AREA ha
PINE CREEK 057-19W5 (CONTINUED)									
TRIASSIC A		0.75	0.10				38		2 984
NORDEGG A & TRIASSIC TOTAL	7 123	0.75	0.10	4 680	3 502	1 178	39	45 695	
ELKTON A	684	0.85	0.15	494	461	33	38	1 262	400
WABAMUN	3 122	0.90	0.42	1 630	1 410	220	38	8 349	1 622
WABAMUN B	7 511	0.90	0.39	4 124	3 976	148	38	5 609	3 803
WABAMUN C	4 400	0.90	0.32	2 693	2 285	408	38	15 463	663
D-3	23 429	0.35	0.35	5 330	5 258	72	37	2 677	3 936
BEAVERHILL LAKE A	620	0.80	0.35	322	56	266	38	10 081	200
OTHER	4 282			2 541	576	1 965		76 842	
TOTAL-PINE CREEK	59 598			27 310	20 842	6 468		254 847	
PINE NORTHWEST 058-20W5									
D-3 A	8 991	0.35	0.25	2 360	2 189	171	37	6 317	1 545
OTHER	481			330	140	190		7 029	
TOTAL-PINE NORTHWEST	9 472			2 690	2 329	361		13 346	
PINEDALE 054-16W4									
TOTAL-PINEDALE	234			148	49	99		3 695	
PINEHURST 066-10W4									
TOTAL-PINEHURST	256			145	55	90		3 333	
PINGEL 081-07W6									
TOTAL-PINGEL	138			99	34	65		2 474	
PLACID 060-23W5									
TOTAL-PLACID	128			86	7	79		3 169	
PLAIN 053-12W4									
UPPER MANNVILLE F	573	0.75	0.05	409	405	4	37	148	824
UPPER MANNVILLE A		0.65	0.05				38		1 028
COLONY A		0.65	0.05				37		3 097
SPARKY A		0.65	0.05				37		1 191
U MN A,COL A&SPKY A TOTAL	1 323	0.65	0.05	817	798	19	38	715	
UPPER MANNVILLE H	79	0.65	0.05	48			37		996
UPPER MANNVILLE K	208	0.65	0.05	128			38		794
UPPER MANNVILLE L	10	0.70	0.05	7			38		150
UPPER MANNVILLE M	7	0.70	0.05	5			38		128
UPPER MANNVILLE YY	26	0.55	0.05	13			37		150
COLONY S	43	0.65	0.05	27			37		256
COLONY FF	92	0.65	0.05	57			38		150
COLONY WW	14	0.65	0.05	9			37		150
SPARKY B	338	0.70	0.03	230			37		1 745
UPPER MANN MU#1 TOTAL	817	0.65	0.05	524	342	182	37	6 823	
COLONY LL	376	0.85	0.05	304	303	1	37	37	540
COLONY B	270	0.75	0.05	193			38		1 953
COLONY C	81	0.75	0.05	58			37		150
LOWER MANNVILLE D		0.70	0.05				37		200
NISKU C		0.60	0.05				36		344
CLNY BC,LMN D & NIS C TOTAL	931	0.70	0.10	614	495	119			
CAMROSE A	1 011	0.75	0.05	720	492	228	37	8 511	4 617
OTHER	4 914			3 180	2 369	811		30 172	
TOTAL-PLAIN	9 945			6 568	5 204	1 364		46 406	
PLANTE 055-22W5									
TOTAL-PLANTE	359			244	18	226		8 680	
PLEASANT 068-20W4									
TOTAL-PLEASANT	755			450	253	197		7 410	
POLLOCKVILLE 025-10W4									
TOTAL-POLLOCKVILLE	1 429			990	230	760		28 345	
PONOKA 043-25W4									
TOTAL-PONOKA	41			28		28		1 091	
PONY 080-08W4									
TOTAL-PONY	352			189	102	87		3 248	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
3.47	0.112	0.80	22 630	100	0.934	0.63	2 715.6	1974	1995	PRODUCTION DECLINE TOP/BASE TVD. DEEP CUT SL
								1974	1995	AMOCO IOL TCPL PANALTA PROGAS MOBIL ENGAGE SUNCOR TALISMA DEEP CUT SL
12.50	0.084	0.80	23 230	84	0.909	0.66	2 600.3	1968	1982	PANALTA TALISMA
3.75	0.040	0.50	29 790	99	0.832	0.84	3 018.7	1957	1989	PROGAS AMOCO TALISMA PCOG MATERIAL BALANCE
6.67	0.069	0.85	29 500	99	0.851	0.82	3 113.5	1956	1996	PROGAS AMOCO ENGAGE TALISMA PCOG PRODUCTION DECLINE
5.05	0.083	0.85	31 220	115	0.919	0.77	3 459.2	1958	1995	AMOCO TALISMA PCOG MATERIAL BALANCE
41.46	0.064	0.85	31 510	111	0.911	0.78	3 348.6	1957	1997	ENGAGE TALISMA PCOG PRODUCTION DECLINE
20.12	0.070	0.90	30 990	116	0.926	0.81	3 682.7	1994	1997	DEEP CUT SL
49.06	0.050	0.90	31 907	116	0.959	0.71	3 260.2	1963	1996	AMOCO TALISMA PCOG PRODUCTION DECLINE
2.47	0.295	0.60	4 620	29	0.920	0.57	732.0	1968	1996	TCPL PRODUCTION DECLINE
2.84	0.255	0.55	4 970	28	0.907	0.59	644.6	1952	1994	PRODUCTION DECLINE
1.92	0.271	0.65	4 790	24	0.909	0.58	608.2	1952	1994	PRODUCTION DECLINE
2.33	0.278	0.60	4 820	28	0.914	0.57	662.7	1952	1994	PRODUCTION DECLINE
								1952	1994	TCPL CWNGNUL
1.26	0.251	0.55	4 360	26	0.914	0.60	645.7	1959	1997	
1.26	0.300	0.55	4 460	26	0.918	0.57	656.3	1959	1982	PRODUCTION DECLINE
1.20	0.210	0.60	4 460	26	0.918	0.57	656.6	1975	1988	
0.90	0.270	0.50	4 600	27	0.917	0.57	672.3	1975	1983	
3.17	0.277	0.60	3 240	29	0.942	0.57	694.4	1973	1995	
2.76	0.238	0.60	4 230	29	0.925	0.57	634.4	1973	1995	
1.57	0.266	0.65	4 080	25	0.912	0.61	614.3	1973	1994	PRODUCTION DECLINE
1.36	0.264	0.60	4 050	25	0.925	0.57	611.0	1973	1995	
2.53	0.268	0.60	4 610	27	0.917	0.57	672.7	1958	1997	
								1958	1997	TCPL
7.13	0.273	0.75	4 390	25	0.918	0.58	533.3	1973	1996	TCPL CWNGNUL NORCEN PRODUCTION DECLINE
1.35	0.280	0.70	5 050	30	0.909	0.59	609.7	1958	1991	
5.55	0.275	0.70	4 830	24	0.910	0.57	603.4	1968	1996	
1.75	0.250	0.55	5 040	29	0.912	0.57	719.9	1970	1985	MATERIAL BALANCE
4.65	0.180	0.55	4 670	28	0.920	0.58	723.9	1970	1986	MATERIAL BALANCE
								1958	1994	TCPL POCO CANST
2.83	0.122	0.65	4 680	31	0.920	0.57	732.8	1968	1981	TCPL CWNGNUL MATERIAL BALANCE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m^3	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
PORTAGE 078-17W4									
MCMURRAY-GROSMONT A	1 357	0.60	0.05	773			37		14 727
MCMURRAY-GROSMONT A	3 502	0.49	0.05	1 630			37		18 514
MCMURRAY-GROSMONT A TOTAL	4 859	0.50	0.05	2 403	2 117	286	37	10 579	
NISKU A	665	0.55	0.05	348	347	1	37	37	4 815
OTHER	684			343	79	264		9 592	
TOTAL-PORTAGE	6 208			3 094	2 543	551		20 208	
POUCE COUPE 080-12W6									
PEACE RIVER A	4 816	0.75	0.02	3 540	3 517	23	38	869	11 891
HALFWAY E	570	0.85	0.10	437	98	339	39	13 235	803
KISKATINAW B	1 531	0.80	0.05	1 164	1 124	40	38	1 518	441
KISKATINAW F	746	0.85	0.05	602	548	54	38	2 028	1 116
KISKATINAW H	678	0.85	0.05	547	481	66	38	2 507	400
KISKATINAW G		0.70	0.05				38		1 185
KISKATINAW K		0.85	0.05				38		200
KISKATINAW M		0.75	0.05				38		200
KISKATINAW G,K & M TOTAL	2 021	0.70	0.05	1 363	1 104	259	38	9 738	
KISKATINAW I	162	0.75	0.05	116			38		200
KISKATINAW J	311	0.85	0.05	251			38		400
KISKATINAW I & J TOTAL	473	0.80	0.05	367	347	20	38	755	
KISKATINAW P	604	0.80	0.05	459			38		520
KISKATINAW R	132	0.75	0.05	94			38		200
KISKATINAW P & R TOTAL	736	0.80	0.05	553	271	282	38	10 753	
KISK 079-12	517	0.70	0.05	344		344	38	12 910	731
OTHER	3 860			2 671	798	1 873		71 709	
TOTAL-POUCE COUPE	15 948			11 588	8 288	3 300		126 022	
POUCE COUPE SOUTH 078-12W6									
PEACE RIVER A		0.85	0.03				38		2 876
PEACE RIVER A		0.85	0.03				38		374
PEACE RIVER A		0.85	0.03				38		1 229
PEACE RIVER A		0.85	0.03				38		693
PEACE RIVER A		0.85	0.03				38		1 244
PEACE RIVER A		0.85	0.03				38		1 134
PEACE RIVER A		0.85	0.03				38		507
PEACE RIVER A		0.65	0.05				38		200
PEACE RIVER A TOTAL	1 312	0.75	0.05	954	920	34	38	1 286	
PEACE RIVER B		0.70	0.02				38		5 465
PEACE RIVER B		0.70	0.02				38		1 587
PEACE RIVER B		0.70	0.02				38		1 473
PEACE RIVER B TOTAL	1 289	0.70	0.05	884	880	4	38	152	
GETHING A	554	0.90	0.05	474	462	12	38	451	300
GETHING B		0.75	0.05				38		150
GETHING C		0.75	0.05				38		412
GETHING B & C TOTAL	432	0.75	0.05	308	223	85	38	3 199	
CADOMIN E	1 025	0.80	0.05	779	43	736	37	27 453	1 525
BALDONNEL B	564	0.80	0.10	406	406	< 1	38	-	2 074
BOUNDARY B SOLN	1 471	0.34	0.25	375	200	175	43	7 488	
HALFWAY A	479	0.85	0.10	366	154	212	38	8 033	1 205
HALFWAY D	1 169	0.85	0.10	895	243	652	38	24 998	1 167
DOIG B	3 525	0.70	0.10	2 221	1 413	808	39	31 294	3 355
DOIG D	404	0.85	0.10	309	10	299	39	11 658	200
MONTNEY A	3 428	0.80	0.10	2 468	773	1 695	39	66 681	5 286
OTHER	4 572			2 846	762	2 084		80 081	
TOTAL-POUCE COUPE SOUTH	20 224			13 285	6 489	6 796		262 774	
PREVO 039-01W5									
PEKISKO A SOLN	11	0.65	0.10	6^b			40		
PEKISKO A ASSOC	852	0.60	0.10	460^b	380^b	86	40	3 398	1 222
PEKISKO B	1 283	0.60	0.10	693	691	2	40	79	744
OTHER	1 641			1 048	381	667		26 526	
TOTAL-PREVO	3 787			2 207	1 452	755		30 003	
PRINCESS 020-11W4									
MILK RIVER A	10 827	0.70	0.05	7 200			36		93 189
MEDICINE HAT A	7 235	0.70	0.03	4 913			36		94 754

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
2.60	0.291	0.70	1 700	15	0.965	0.56	355.6	1972	1997	
15.83	0.123	0.80	1 700	15	0.965	0.57	369.6	1972	1997	MATERIAL BALANCE
								1972	1997	AMOCO
7.25	0.152	0.65	1 930	15	0.960	0.57	387.6	1973	1995	PROGAS PINCL AMOCO PRODUCTION DECLINE
6.52	0.184	0.70	4 290	33	0.926	0.57	709.4	1943	1996	CNRL NORCEN TALISMA PRODUCTION DECLINE
4.80	0.126	0.75	15 760	65	0.847	0.65	1 714.9	1982	1997	
10.12	0.103	0.85	23 870	74	0.903	0.62	2 413.4	1977	1995	TCPL TALISMA HUSKY PRODUCTION DECLINE
5.14	0.089	0.80	21 450	92	0.915	0.63	2 339.0	1976	1997	TALISMA
13.75	0.101	0.75	20 920	77	0.891	0.63	2 325.4	1988	1995	PANALTA PRODUCTION DECLINE
9.52	0.091	0.75	21 490	96	0.925	0.62	2 343.7	1976	1997	PRODUCTION DECLINE
14.49	0.090	0.70	18 960	78	0.884	0.64	2 264.2	1989	1997	PRODUCTION DECLINE
10.50	0.100	0.80	19 430	76	0.881	0.63	2 300.0	1984	1997	PRODUCTION DECLINE
								1976	1997	AEL
4.50	0.120	0.80	20 240	74	0.882	0.61	2 278.0	1988	1991	
4.63	0.085	0.85	21 140	77	0.907	0.58	2 308.3	1988	1992	PRODUCTION DECLINE
								1988	1993	ENGAGE
9.85	0.089	0.80	18 200	78	0.891	0.60	2 398.1	1988	1995	
5.50	0.110	0.60	19 600	75	0.882	0.63	2 306.1	1990	1995	
								1988	1995	PANALTA
6.12	0.080	0.80	21 550	96	0.920	0.62	2 358.5	1974	1988	AMOCO
4.40	0.194	0.60	5 600	41	0.915	0.56	985.7	1956	1990	MATERIAL BALANCE
1.27	0.178	0.50	5 600	41	0.915	0.57	963.9	1956	1990	MATERIAL BALANCE
0.93	0.142	0.45	5 600	41	0.915	0.57	982.9	1956	1990	MATERIAL BALANCE
1.12	0.177	0.50	5 600	41	0.915	0.57	959.1	1956	1990	MATERIAL BALANCE
1.58	0.214	0.65	5 600	41	0.915	0.57	966.9	1956	1990	MATERIAL BALANCE
1.78	0.190	0.50	5 600	41	0.915	0.57	972.4	1956	1990	MATERIAL BALANCE
2.17	0.200	0.70	5 600	41	0.915	0.57	978.6	1956	1990	MATERIAL BALANCE
1.50	0.200	0.45	5 600	41	0.910	0.59	974.7	1956	1992	MATERIAL BALANCE ASSIGNED WELL 11-25-077-11W6M
								1956	1992	AMOCO PANALTA NORCEN TALISMA
6.37	0.172	0.70	5 380	44	0.919	0.57	985.1	1953	1994	PRODUCTION DECLINE
1.60	0.159	0.70	5 380	44	0.919	0.57	1 022.1	1953	1994	PRODUCTION DECLINE
3.23	0.173	0.65	5 380	44	0.919	0.57	1 012.3	1953	1994	PRODUCTION DECLINE
								1953	1997	POCO PANALTA
6.70	0.145	0.80	13 410	55	0.854	0.61	1 517.1	1958	1997	PRODUCTION DECLINE
3.50	0.150	0.65	10 890	62	0.878	0.62	1 494.3	1979	1993	PRODUCTION DECLINE
2.38	0.167	0.70	10 870	55	0.868	0.62	1 515.1	1979	1993	PRODUCTION DECLINE
								1979	1993	
4.96	0.147	0.70	13 030	56	0.855	0.62	1 545.7	1979	1997	AMOCO PANALTA TALISMA
2.45	0.118	0.70	14 820	64	0.864	0.63	1 726.1	1954	1992	
						0.80		1980	1997	CRESTAR PANALTA NORCEN POCO
4.24	0.088	0.65	17 500	70	0.885	0.60	1 958.5	1979	1997	NORCEN
8.09	0.097	0.75	17 580	71	0.854	0.67	1 910.9	1987	1995	NORCEN
8.20	0.104	0.85	17 730	73	0.871	0.64	1 911.9	1977	1995	IOL PANALTA PROGAS TALISMA MATERIAL BALANCE
15.20	0.090	0.90	17 220	71	0.868	0.63	1 886.9	1991	1996	
3.58	0.091	0.85	26 420	80	0.909	0.66	2 359.4	1979	1997	PANALTA AMOCO SUNCOR NORCEN HUSKY TALISMA SLUSH OIL
						0.68		1959	1997	TCPL BLUERGE SUNCOR PRODUCTION DECLINE CONCURRENT PRODUCTION
7.12	0.098	0.80	16 580	70	0.833	0.68	2 058.6	1959	1997	TCPL BLUERGE SUNCOR PRODUCTION DECLINE CONCURRENT PRODUCTION
8.83	0.100	0.60	16 040	70	0.833	0.69	2 012.2	1958	1996	TCPL CRESTAR PRODUCTION DECLINE
7.18	0.154	0.55	3 140	16	0.938	0.56	377.5	1910	1994	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
1.77	0.170	0.55	4 310	17	0.916	0.56	465.7	1904	1994	PART OF MED HAT POOL NO.1

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					
	INITIAL VOLUME IN PLACE $10^6 m^3$	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES $10^6 m^3$	NET CUMULATIVE PRODUCTION $10^6 m^3$	REMAINING ESTABLISHED RESERVES $10^6 m^3$	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	AREA ha
PRINCESS 020-11W4 (CONTINUED)									
BELLY RIVER F	28	0.50	0.05	13			37		369
BELLY RIVER G	94	0.55	0.05	49			37		1 011
MEDICINE HAT C	736	0.50	0.03	357			36		26 646
MEDICINE HAT D	522	0.50	0.03	253			36		18 374
SECOND WHITE SPECKS A	7 969	0.75	0.05	5 678			36		66 059
SE ALTA GAS SYS(MU) TOTAL	27 411	0.70	0.05	18 463	11 406	7 057	36	257 369	
BASAL MANNVILLE A SOLN	153	0.65	0.25	74[b]			37		
BASAL MANNVILLE A ASSOC	729	0.85	0.05	589[b]	161[b]	502	37	18 499	716
BASAL MANNVILLE M ASSOC	753	0.60	0.10	407	407	< 1	37	-	436
JEFFERSON B	1 550	0.70	0.20	868	816	52	35	1 831	3 344
OTHER	3 299			2 350	1 313	1 037		38 149	
TOTAL-PRINCESS	33 895			22 751	14 103	8 648		315 848	
PRITCHARD 061-01W4									
TOTAL-PRITCHARD	335			174	158	16		596	
PROGRESS 078-09W6									
GETHING B	471	0.85	0.05	380	322	58	38	2 196	400
BALD 077-10	568	0.85	0.10	435		435	40	17 531	1 245
HALFWAY B SOLN	707	0.65	0.10	414	294	120	40	4 765	
HALFWAY A	4 730	0.80	0.10	3 406	3 144	262	40	10 409	4 250
HALFWAY AA	485	0.90	0.10	393	83	310	40	12 391	200
HALFWAY BB	548	0.85	0.10	419	110	309	40	12 215	400
HALFWAY CC	403	0.85	0.10	309	86	223	40	8 891	400
HALFWAY Y		0.75	0.10				40		1 619
DOIG C		0.85	0.10				39		2 424
HALFWAY Y & DOIG C TOTAL	1 215	0.85	0.10	950	898	52	37	1 947	
BELLOY C	874	0.75	0.05	623			31		992
BELLOY C	797	0.75	0.05	568			35		1 194
BELLOY C	67	0.75	0.05	48			24		200
BELLOY C TOTAL	1 738	0.75	0.05	1 239	308	931	24	22 353	
OTHER	6 283			3 611	1 020	2 591		102 295	
TOTAL-PROGRESS	17 148			11 556	6 265	5 291		194 993	
PROVINCE 008-11W4									
TOTAL-PROVINCE	32			21		21		755	
PROVOST 037-07W4									
VIKING HH	504	0.85	0.05	407	28	379	37	14 178	3 568
VIKING C ASSOC		0.75	0.04				37		122 726
VIKING C SOLN	2 325	0.34	0.20	633[b]			37		
VIKING C ASSOC		0.75	0.04				37		321
VIKING A ASSOC		0.75	0.04				37		397 306
VIKING K ASSOC		0.75	0.04				37		882
VIKING NNN ASSOC	33	0.60	0.10	18[b]			38		400
VIKING SSS	102	0.65	0.05	63[b]			38		128
BELLY RIVER U	20	0.50	0.05	10[b]			37		250
BELLY RIVER DD	11	0.50	0.05	6[b]			37		100
BASAL COLORADO A	669	0.80	0.05	508[b]			37		4 214
MANNVILLE E	146	0.65	0.05	90[b]			38		678
UPPER MANNVILLE HHH	3	0.70	0.05	2[b]			38		150
UPPER MANNVILLE L2L	41	0.65	0.05	26[b]			36		150
UPPER MANNVILLE J3J	124	0.70	0.10	78[b]			37		1 748
VIK,BR,BCOL&MANN MU#1 TOTAL	53 336	0.75	0.05	37 286[b]	30 778[b]	6 508	37	242 748	
BASAL COLORADO D	452	0.85	0.05	365	41	324	38	12 212	3 606
MANNVILLE O	685	0.78	0.05	507	473	34	37	1 254	635
MANNVILLE Z	1 109	0.85	0.10	849	788	61	38	2 331	2 479
UPPER MANNVILLE AA	853	0.85	0.10	653	611	42	38	1 595	2 904
UPPER MANNVILLE E2E ASSOC	5 858	0.75	0.10	3 955[b]			38		12 102
UPPER MANNVILLE E2E SOLN	1	0.65	0.10	1[b]			38		
LOWER MANNVILLE FF	84	0.70	0.10	53[b]			38		528

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
2.33	0.280	0.65	1 720	12	0.964	0.57	255.3	1994	1996	
2.71	0.280	0.65	1 820	13	0.962	0.57	265.3	1993	1996	
0.70	0.139	0.60	4 450	19	0.916	0.56	478.2	1973	1987	PART OF MED HAT POOL NO.3
0.72	0.139	0.60	4 450	19	0.916	0.56	507.4	1973	1987	PART OF MED HAT POOL NO.4
1.56	0.216	0.60	5 690	27	0.904	0.57	657.2	1944	1992	PART OF 2WS POOL NO.1
								1904	1996	SCEPTRE TCPL PANALTA IOL NORCEN PANCDN POCO CRESTAR ENGAGE
						0.63		1940	1996	CHEVRON TCPL GPP
6.41	0.201	0.65	10 690	31	0.823	0.63	970.8	1940	1996	CHEVRON TCPL GPP
2.76	0.200	0.60	10 800	35	0.834	0.63	996.0	1958	1997	PRODUCTION DECLINE GAS PROD BEFORE OIL DISC
4.12	0.100	0.75	10 760	37	0.806	0.81	1 196.6	1940	1996	TCPL MATERIAL BALANCE
4.33	0.152	0.65	12 490	64	0.873	0.61	1 459.3	1974	1997	CANST AEC TALISMA PRODUCTION DECLINE
3.17	0.146	0.75	12 940	62	0.836	0.65	1 720.6	1983	1997	PROGAS PANALTA TALISMA
						0.64		1976	1997	PANALTA GPP
6.06	0.120	0.75	17 520	72	0.835	0.70	1 879.6	1976	1997	PROGAS CGGS PANALTA SUNCOR PRODUCTION DECLINE
8.00	0.200	0.90	16 540	68	0.819	0.69	1 636.0	1988	1996	NORCEN
10.75	0.110	0.75	16 060	73	0.855	0.64	1 883.6	1993	1995	TOP/BASE TVD
5.75	0.141	0.80	15 710	72	0.834	0.70	1 904.0	1985	1996	SLUSH OIL
3.55	0.128	0.75	15 130	67	0.815	0.70	1 819.8	1985	1994	PRODUCTION DECLINE
3.40	0.109	0.85	18 850	69	0.854	0.64	1 843.6	1981	1994	PRODUCTION DECLINE
								1981	1994	ENGAGE TCPL CANST AEC TALISMA AMOCO DIRECT PROGAS ULSTER
5.70	0.133	0.70	18 940	74	0.935	0.64	2 049.7	1980	1997	
3.94	0.140	0.70	19 230	74	0.912	0.59	2 066.4	1980	1997	
3.30	0.100	0.65	18 970	84	0.974	0.71	2 076.8	1980	1993	ASSIGNED WELL 09-18-078-09W6M
								1980	1997	QUEBEC MOBIL AEC TALISMA
1.45	0.220	0.55	7 660	36	0.875	0.60	951.8	1973	1995	PANALTA
1.09	0.235	0.60	5 890	29	0.889	0.61	893.7	1946	1985	MATERIAL BALANCE SOLN MU-VIK,BSL COL&MNV MU#1,CONC PROD
						0.61		1946	1985	MATERIAL BALANCE SOLN MU-VIK,BSL COL&MNV MU#1,CONC PROD
0.68	0.204	0.60	5 890	29	0.889	0.61	862.6	1946	1985	MATERIAL BALANCE
1.64	0.224	0.65	5 890	29	0.889	0.61	792.7	1946	1997	MATERIAL BALANCE
0.89	0.214	0.50	5 890	29	0.889	0.61	791.6	1946	1985	MATERIAL BALANCE
1.00	0.236	0.55	5 120		0.840	0.66	825.5	1976	1997	
1.10	0.200	0.60	5 490	37	0.904	0.61	962.6	1986	1995	PRODUCTION DECLINE
3.70	0.250	0.55	1 630	27	0.971	0.57	238.1	1981	1996	
4.10	0.300	0.55	1 540	11	0.967	0.57	221.8	1984	1996	
2.23	0.203	0.55	6 130	34	0.890	0.60	929.3	1963	1997	
2.61	0.190	0.75	5 670	36	0.902	0.60	934.9	1963	1992	
2.30	0.280	0.65	7 140	31	0.872	0.60	943.1	1967	1988	PRODUCTION DECLINE
2.40	0.300	0.55	6 490	31	0.882	0.63	856.5	1981	1995	
0.85	0.194	0.65	6 280	34	0.876	0.66	1 000.7	1977	1997	
								1946	1985	CNWE CDNFRST AMOCO PROGAS PINCL CHEL TCPL CANST CWNGNUL HUSKY NORCEN PANALTA MORRIS DYNALTA POCO ALTROAN PANCDN AEC CONCURRENT PRODUCTION
1.10	0.233	0.60	7 780	37	0.875	0.59	983.5	1951	1997	PANCDN
3.17	0.296	0.75	6 140	29	0.890	0.61	797.1	1972	1997	TCPL POCO PRODUCTION DECLINE
2.23	0.295	0.80	7 790	40	0.864	0.62	1 061.9	1949	1986	TCPL PANALTA MATERIAL BALANCE
1.94	0.224	0.65	8 610	36	0.851	0.62	1 068.9	1975	1997	RENENER CWNGNUL CRESTAR PRODUCTION DECLINE
4.44	0.200	0.65	7 820	35	0.861	0.62	1 125.6	1974	1996	GAS PRODUCED BEFORE OIL DISC GPP
						0.62		1974	1996	GAS PRODUCED BEFORE OIL DISC GPP
1.59	0.193	0.65	7 680	43	0.863	0.65	1 145.2	1982	1985	

TABLE 4-5

	1	2	3	4	5	6	7	8	9
FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	ha
PROVOST 037-07W4 (CONTINUED)									
U MANN E2E&L MANN FF TOTAL	5 943	0.75	0.10	4 009[b]	3 638[b]	371	38	14 002	
UPPER MANNVILLE U8U ASSOC	373	0.75	0.05	266			37		531
UPPER MANNVILLE U8U ASSOC	70	0.70	0.05	47			37		117
UPPER MANNVILLE U8U TOTAL	443	0.75	0.05	313		313	39	12 135	
LLOYDMINSTER BB	465	0.75	0.10	314	124	190	37	6 937	368
LOWER MANNVILLE EE	750	0.80	0.10	540	505	35	38	1 324	300
OTHER	30 305			18 286	6 010	12 276		449 839	
TOTAL-PROVOST	94 845			63 529	42 996	20 533		758 555	
PUSKWASKAU 074-01W6									
DEBOLT D	60	0.75	0.10	41			38		128
DEBOLT E	149	0.80	0.10	107			38		418
DEBOLT F	222	0.80	0.05	169			37		413
DEBOLT G	144	0.80	0.10	104			38		200
ELKTON A	88	0.80	0.10	63			38		200
DEBOLT DEFG&ELKTON A TOTAL	663	0.80	0.10	484	104	380	38	14 284	
DBLT 14-075-01	391	0.90	0.10	317		317	38	11 951	200
D-3 C	598	0.90	0.20	430	92	338	40	13 469	200
OTHER	1 010			709	57	652		23 911	
TOTAL-PUSKWASKAU	2 662			1 940	253	1 687		63 615	
PYRAMID 105-10W6									
TOTAL-PYRAMID	204			129		129		4 755	
QUEENSTOWN 019-21W4									
TOTAL-QUEENSTOWN	3 536			2 285	643	1 642		62 477	
QUIGLEY 083-14W4									
TOTAL-QUIGLEY	19			10	8	2		74	
QUIRK CREEK 021-04W5									
RUNDLE A	13 000	0.80	0.25	7 800	7 299	501	40	20 185	2 250
RUNDLE C		0.80	0.25				40		200
RUNDLE E		0.80	0.25				40		600
RUNDLE C & E TOTAL	1 296	0.80	0.25	778	710	68			
OTHER	273			103	54	49		1 972	
TOTAL-QUIRK CREEK	14 569			8 681	8 063	618		22 157	
RACOSTA 031-11W4									
TOTAL-RACOSTA	611			407	164	243		8 950	
RADWAY 059-20W4									
TOTAL-RADWAY	1 153			761	117	644		24 037	
RAINBOW 110-06W6									
BLUESKY A	7 500	0.80	0.05	5 700	4 465	1 235	37	46 226	52 154
BLUESKY C	908	0.70	0.05	604	182	422	37	15 584	9 010
SLAVE POINT A	434	0.85	0.10	332	241	91	38	3 428	833
KEG RIVER A SOLN	2 019	0.73	0.30	1 032[b]			41		
KEG RIVER A ASSOC	906	0.90	0.10	734[b]	131[b]	1 635	41	67 771	87
KEG RIVER B SOLN	3 403	0.72	0.30	1 715[b]			39		
KEG RIVER B ASSOC		0.80	0.15		-190[b]	1 905	39	74 257	
KEG RIVER F SOLN	4 615	0.65	0.40	1 800[b]			43		
KEG RIVER F ASSOC	978	0.85	0.15	706[b]	1 882[b]	624	43	27 032	697
KEG RIVER O SOLN	1 857	0.70	0.25	975[b]			40		
KEG RIVER O ASSOC		0.75	0.10		59[b]	916	40	36 750	
KEG RIVER AA SOLN	2 071	0.70	0.40	870[b]			44		
KEG RIVER AA ASSOC		0.75	0.10		-1[b]	871	44	37 906	
KEG RIVER II SOLN	677	0.65	0.30	308[b]			41		
KEG RIVER II ASSOC		0.75	0.10		13[b]	295	41	12 166	
KEG RIVER FFF	800	0.90	0.20	576	464	112	42	4 672	64
OTHER	15 504			6 742	2 262	4 480		185 921	
TOTAL-RAINBOW	41 672			22 094	9 508	12 586		511 713	
RAINBOW SOUTH 107-09W6									
KEG RIVER E SOLN	1 800	0.45	0.40	486	369	117	44	5 130	
KEG RIVER A SOLN	1 007	0.32	0.50	161[b]			39		
KEG RIVER A ASSOC	356	0.85	0.15	258[b]	384[b]	35	39	1 382	55
KEG RIVER B SOLN	1 112	0.64	0.65	249[b]			44		

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
								1974	1996	SCEPTRE AMOCO WAINOCO POCO PANCDN CWNGNUL CDNFRST TCPL WASCANA GAS PRODUCED BEFORE OIL DISC GPP
4.98	0.296	0.85	5 380	30	0.901	0.61	766.5	1973	1997	
4.38	0.280	0.85	5 530	30	0.898	0.61	773.9	1973	1997	
								1973	1997	
3.37	0.280	0.85	5 520	30	0.896	0.65	773.3	1991	1997	PANCDN NORCEN PRODUCTION DECLINE NONCOMMERCIAL OIL
3.60	0.146	0.60	7 810	42	0.867	0.63	1 126.2	1984	1989	PANALTA PRODUCTION DECLINE
2.00	0.180	0.80	15 930	59	0.844	0.65	1 719.2	1994	1996	TOP/BASE TVD
2.64	0.109	0.70	17 990	65	0.858	0.63	1 779.3	1955	1997	
2.30	0.191	0.65	19 070	60	0.867	0.61	1 826.3	1994	1997	
2.86	0.223	0.60	19 030	63	0.854	0.65	1 873.0	1955	1996	
3.68	0.080	0.75	20 170	63	0.859	0.65	1 935.8	1955	1996	
								1955	1997	
12.00	0.180	0.50	18 320	63	0.856	0.64	1 731.0	1994	1996	
18.07	0.070	0.90	32 600	96	0.956	0.90	2 983.5	1980	1995	
43.39	0.080	0.80	15 720	49	0.744	0.76	1 971.6	1967	1984	TCPL MATERIAL BALANCE TOP/BASE TVD
22.10	0.070	0.80	18 380	61	0.772	0.77	2 806.0	1975	1996	MATERIAL BALANCE TOP/BASE TVD
48.01	0.066	0.85	18 060	63	0.760	0.80	2 731.7	1973	1996	MATERIAL BALANCE TOP/BASE TVD
								1973	1996	
5.12	0.218	0.45	2 500	21	0.950	0.58	448.7	1965	1996	AMOCO HUSKY IOL TCPL PRODUCTION DECLINE
4.01	0.223	0.40	2 700	16	0.943	0.59	321.7	1964	1997	TARRAGN
7.04	0.069	0.75	14 760	77	0.839	0.74	1 691.5	1966	1989	HUSKY
						0.82		1965	1997	HUSKY GAS BREAKTHRU, GPP
51.44	0.110	0.95	17 690	67	0.764	0.82	1 833.7	1965	1997	HUSKY GAS BREAKTHRU, GPP
						0.80		1965	1988	HUSKY GPP
						0.80		1965	1988	HUSKY GPP
						0.87		1966	1994	HUSKY GPP
20.16	0.043	0.80	17 100	65	0.711	0.87	1 790.5	1966	1994	HUSKY GPP
						0.73		1966	1983	HUSKY GAS BREAKTHRU, GPP
						0.73		1966	1983	HUSKY GAS BREAKTHRU, GPP
						0.81		1967	1988	CONING SECONDARY GAS CAP, GPP
						0.81		1967	1988	CONING SECONDARY GAS CAP, GPP
						0.78		1967	1990	NORCEN CANST GPP
						0.78		1967	1990	NORCEN CANST GPP
122.19	0.046	0.80	17 690	60	0.694	0.93	1 862.1	1966	1989	HUSKY PRODUCTION DECLINE
						0.85		1966	1990	HUSKY GPP
						0.73		1965	1993	HUSKY IOL PRODUCTION DECLINE GPP
29.18	0.069	0.90	18 330	71	0.830	0.73	1 875.1	1965	1993	HUSKY IOL PRODUCTION DECLINE GPP
						0.95		1966	1997	GAS BREAKTHRU, GPP

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					
	INITIAL VOLUME IN PLACE $10^6 m^3$	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES $10^6 m^3$	NET CUMULATIVE PRODUCTION $10^6 m^3$	REMAINING ESTABLISHED RESERVES $10^6 m^3$	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	AREA ha
RAINBOW SOUTH 107-09W6 (CONTINUED)									
KEG RIVER B ASSOC	163	0.75	0.25	92^b	-684^b	1 025	44	44 823	49
OTHER	6 355			2 792	1 160	1 632		63 215	
TOTAL-RAINBOW SOUTH	10 793			4 038	1 229	2 809		114 550	
RAINIER 017-15W4									
TOTAL-RAINIER	396			230	67	163		5 898	
RAM 037-14W5									
RUNDLE A	3 300	0.80	0.15	2 244	775	1 469	38	56 175	777
RUNDLE B	988	0.85	0.20	672	58	614	38	23 357	400
TOTAL-RAM	4 288			2 916	833	2 083		79 532	
RANFURLY 050-12W4									
TOTAL-RANFURLY	1 236			784	518	266		9 835	
RATZ (SA) 126-18W5									
TOTAL-RATZ	5			3		3		110	
REAGAN 001-19W4									
TOTAL-REAGAN	184			87	57	30		1 073	
RED COULEE 001-17W4									
TOTAL-RED COULEE	254			155	10	145		5 496	
RED EARTH 087-08W5									
BLUESKY A	771	0.55	0.05	403	87	316	37	11 664	5 200
OTHER	1 511			456	1	455		17 623	
TOTAL-RED EARTH	2 282			859	88	771		29 287	
RED ROCK 063-07W6									
CHINOOK G ASSOC	3 626	0.70	0.20	2 030^b			40		10 503
CHINOOK G SOLN	496	0.65	0.30	225^b			40		
CHINOOK G TOTAL	4 122	0.70	0.20	2 255^b	824^b	1 431	40	57 168	
FALHER E	783	0.90	0.15	599	515	84	39	3 291	250
FALHER G	563	0.80	0.10	405	346	59	38	2 258	250
OTHER	2 147			1 529	539	990		38 197	
TOTAL-RED ROCK	7 615			4 788	2 224	2 564		100 914	
RED WILLOW 040-17W4									
VIKING C	263	0.65	0.05	162			37		3 764
VIKING D	418	0.80	0.05	317			37		4 495
LOWER MANNVILLE I	13	0.75	0.05	10			37		150
VIK CD& L MANN I TOTAL	694	0.75	0.05	489	120	369	37	13 609	
OTHER	4 067			2 559	837	1 722		62 425	
TOTAL-RED WILLOW	4 761			3 048	957	2 091		76 034	
REDFISH 092-08W5									
TOTAL-REDFISH	150			84	37	47		1 772	
REDLAND 027-22W4									
UPPER MANNVILLE A	1 090	0.90	0.04	942	856	86	40	3 412	600
OTHER	607			400	301	99		3 703	
TOTAL-REDLAND	1 697			1 342	1 157	185		7 115	
REDWATER 057-21W4									
UPPER VIKING A		0.80	0.04				37		47 949
MIDDLE VIKING A		0.80	0.04				38		11 540
LOWER VIKING A ASSOC		0.80	0.04				38		6 196
LOWER VIKING A SOLN	104	0.65	0.25	51^b			38		
UV A & MV A & LV A TOTAL	1 067	0.80	0.05	790^b	785^b	5	38	188	
D-3 SOLN	6 831	0.70	0.60	1 913^b			47		
D-3 ASSOC		0.80	0.25		1 808^b	105	47	4 948	
OTHER	5 558			3 524	1 295	2 229		82 752	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
18.48	0.091	0.90	18 330	68	0.697	0.95	1 875.7	1966	1997	GAS BREAKTHRU, GPP
15.65	0.095	0.90	36 140	89	1.024	0.64	4 452.2	1988	1995	SHELL TOP/BASE TVD
13.60	0.080	0.85	37 460	99	1.014	0.70	4 476.7	1988	1996	SHELL PRODUCTION DECLINE TOP/BASE TVD
3.30	0.300	0.75	1 950	16	0.961	0.57	349.5	1970	1997	AEL
3.89	0.155	0.65	10 440	45	0.797	0.70	1 404.7	1956	1997	PRODUCTION DECLINE CONCURRENT PRODUCTION, DEEP CUT SL
						0.70		1956	1997	PRODUCTION DECLINE CONCURRENT PRODUCTION, DEEP CUT SL
								1956	1997	TCPL NORCEN CONCURRENT PRODUCTION,DEEP CUT SL
9.00	0.090	0.85	31 120	93	0.971	0.65	2 772.2	1991	1996	PRODUCTION DECLINE DEEP CUT SL
2.90	0.120	0.70	35 690	98	1.030	0.60	3 003.4	1993	1997	PRODUCTION DECLINE TOP/BASE TVD, DEEP CUT SL
1.18	0.151	0.65	5 970	38	0.904	0.60	991.7	1971	1996	
1.29	0.180	0.65	6 100	38	0.905	0.59	994.6	1953	1996	
1.24	0.160	0.50	8 180	36	0.870	0.60	1 130.9	1976	1988	
								1953	1996	AMOCO TCPL PANALTA PROGAS PANCDN
3.34	0.190	0.70	10 720	53	0.816	0.69	1 485.4	1961	1997	CHAUVCO CWNGNUL PANCDN PRODUCTION DECLINE
0.78	0.217	0.55	5 240	33	0.907	0.60	624.4	1947	1997	PART OF VIK POOL NO.1 PRODUCTION DECLINE
0.96	0.200	0.60	5 670	33	0.897	0.60	637.4	1947	1994	PART OF VIK POOL NO.1 PRODUCTION DECLINE
0.91	0.228	0.55	4 340	26	0.911	0.60	644.2	1947	1994	PART OF VIK POOL NO.1 PRODUCTION DECLINE CONCURRENT PRODUCTION
						0.60		1947	1994	PART OF VIK POOL NO.1 PRODUCTION DECLINE CONCURRENT PRODUCTION
								1947	1994	RENENER AMOCO IOL CWNGNUL DYNALTA CANST NORCEN POCO PART OF VIK POOL NO.1 CONCURRENT PRODUCTION
						1.05		1948	1997	NORCEN AMOCO CWNGNUL IOL GPP
						1.05		1948	1997	NORCEN AMOCO CWNGNUL IOL GPP

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	ha
REDWATER 057-21W4 (CONTINUED)									
TOTAL-REDWATER	13 456			6 227	3 888	2 339		87 888	
REITA 059-03W4									
TOTAL-REITA	370			209	163	46		1 695	
RESDELN 083-06W4									
MCMURRAY C	386	0.84	0.05	308	259	49	37	1 822	1 537
MCMURRAY F	881	0.75	0.05	628	559	69	37	2 580	2 350
OTHER	3 346			1 870	951	919		34 267	
TOTAL-RESDELN	4 613			2 806	1 769	1 037		38 669	
RETLAW 012-18W4									
BASAL COLORADO B		0.75	0.10				37		3 414
BASAL COLORADO B		0.75	0.05				36		100
BASAL COLORADO B TOTAL	572	0.85	0.05	462	420	42			
MANNVILLE Y ASSOC	1 030	0.85	0.20	701[b]	667[b]	34	38	1 305	284
MANNVILLE RR SOLN	277	0.65	0.40	108[b]			36		
MANNVILLE RR ASSOC	355	0.85	0.10	272[b]	220[b]	160	36	5 829	1 960
MANNVILLE G2G ASSOC	599	0.85	0.10	458[b]	237[b]	221	36	8 047	300
MANNVILLE A3A	978	0.90	0.10	792	751	41	38	1 569	264
OTHER	8 845			5 536	2 918	2 618		98 630	
TOTAL-RETLAW	12 656			8 329	5 213	3 116		115 380	
RIBSTONE 043-03W4									
COLONY D	531	0.85	0.05	428	139	289	35	10 135	247
OTHER	915			561	261	300		10 490	
TOTAL-RIBSTONE	1 446			989	400	589		20 625	
RICH 035-21W4									
GLAUCONITIC F	2 458	0.80	0.10	1 769	1 585	184	39	7 119	5 447
GLAUCONITIC G	720	0.80	0.10	518	433	85	39	3 273	1 011
OTHER	1 349			835	483	352		13 462	
TOTAL-RICH	4 527			3 122	2 501	621		23 854	
RICHDALE 030-12W4									
VIKING A	1 144	0.80	0.05	869			38		9 255
VIKING C	831	0.80	0.05	632			38		5 757
VIKING F	115	0.70	0.05	77			37		440
VIKING A,C & F TOTAL	2 090	0.80	0.05	1 578	939	639	38	24 033	
UPPER MANNVILLE I	416	0.85	0.10	319	138	181	38	6 858	2 053
OTHER	5 709			3 797	1 780	2 017		74 979	
TOTAL-RICHDALE	8 215			5 694	2 857	2 837		105 870	
RICHMOND 069-19W4									
TOTAL-RICHMOND	209			116	79	37		1 376	
RICINUS 035-08W5									
CARDIUM B SOLN	1 013	0.85	0.25	646	184	462	40[a]	18 683	
CARDIUM Q SOLN	548	0.85	0.10	419	287	132	41	5 374	
CARDIUM TT SOLN	471	0.85	0.10	360	211	149	40	5 961	
CARDIUM A SOLN	2 653	0.85	0.15	1 917[b]			41[a]		
CARDIUM A ASSOC	8 316	c	c	6 950[b]	2 649[b]	6 218	41[a]	251 953	2 569
CARDIUM L ASSOC	3 504	0.85	0.10	2 680[b]			41		1 164
CARDIUM L SOLN	286	0.85	0.40	146[b]			41		
CARDIUM L TOTAL	3 790	0.85	0.10	2 826[b]	840[b]	1 986	41	80 532	
CARDIUM R	857	0.80	0.10	617	523	94	40	3 724	1 128
VIKING D	412	0.85	0.10	315	266	49	40	1 937	128
VIKING E	580	0.85	0.10	444	387	57	39	2 231	200
VIKING F	906	0.85	0.05	732	521	211	39	8 267	200
VIKING K	941	0.85	0.10	720	628	92	39	3 601	200
VIKING S	424	0.85	0.10	324	234	90	39	3 523	200
VIKING W	811	0.85	0.10	620	81	539	39	21 096	200
VIKING Z	412	0.85	0.10	315	149	166	39	6 497	128

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
5.98	0.307	0.70	1 640	12	0.965	0.56	430.9	1990	1997	CDNFRST NRTHSTR PRODUCTION DECLINE
7.82	0.335	0.75	1 850	14	0.961	0.56	388.0	1990	1996	CDNFRST NRTHSTR
1.28	0.186	0.55	8 790	29	0.801	0.71	947.6	1960	1994	PRODUCTION DECLINE
1.52	0.220	0.65	7 630	36	0.870	0.63	946.7	1960	1994	PRODUCTION DECLINE ASSIGNED WELL 06-08-013-18W4M
								1960	1994	NRTHSTR MORRIS TCPL
7.50	0.242	0.85	11 790	40	0.796	0.76	1 069.6	1974	1980	MORRIS TCPL MATERIAL BALANCE CONCURRENT PRODUCTION
						0.68		1964	1997	TCPL MORRIS OIL DEPLETED
1.28	0.166	0.65	11 800	40	0.818	0.68	1 067.9	1964	1997	TCPL MORRIS OIL DEPLETED
7.50	0.248	0.80	11 580	34	0.799	0.69	1 084.9	1980	1989	PROGAS GPP
2.30	0.230	0.70	11 850	32	0.791	0.69	1 094.6	1959	1996	MORRIS TCPL PRODUCTION DECLINE SLUSH OIL
5.07	0.279	0.65	4 340	24	0.924	0.60	591.4	1975	1997	TCPL PANALTA MATERIAL BALANCE
3.83	0.183	0.60	8 490	59	0.868	0.67	1 429.2	1953	1997	PANALTA TCPL RENENER PRODUCTION DECLINE
3.08	0.205	0.70	8 580	51	0.856	0.67	1 393.3	1973	1994	PANALTA TCPL PRODUCTION DECLINE
1.40	0.200	0.55	7 560	35	0.870	0.61	930.7	1955	1997	
1.65	0.199	0.55	7 590	36	0.874	0.60	938.7	1955	1997	
3.05	0.203	0.55	7 380	37	0.882	0.60	965.1	1970	1997	
								1955	1997	ENGAGE SCEPTRE TCPL SUMMIT PANALTA CRESTAR
1.59	0.212	0.60	9 270	38	0.847	0.62	1 075.4	1955	1997	CRESTAR
						0.71		1969	1990	PANALTA TCPL PREV GAS CYCLING GPP
						0.68		1971	1986	TCPL TOP/BASE TVD GPP
						0.68		1985	1997	PANALTA TOP/BASE TVD GPP
						0.92		1968	1988	PANALTA TCPL AMOCO GULF CRESTAR GAS CYCLING, CONING GAS CAP, GPP
9.43	0.143	0.90	27 170	77	0.848	0.92	2 677.6	1968	1988	PANALTA TCPL AMOCO GULF CRESTAR GAS CYCLING, CONING GAS CAP, GPP
10.86	0.138	0.90	14 120	65	0.820	0.68	2 038.7	1971	1993	MATERIAL BALANCE CONC PROD, DRY GAS BREAKTHRU
						0.68		1971	1993	MATERIAL BALANCE CONC PROD, DRY GAS BREAKTHRU
								1971	1994	AMOCO HUSKY TCPL CONC PROD, DRY GAS BREAKTHRU
4.68	0.100	0.90	12 270	59	0.823	0.68	1 745.9	1971	1995	MATERIAL BALANCE
48.80	0.120	0.90	18 950	87	0.871	0.67	2 755.2	1985	1996	PANALTA PRODUCTION DECLINE TOP/BASE TVD
20.80	0.100	0.75	20 480	84	0.877	0.67	2 793.1	1978	1995	PANALTA
8.70	0.080	0.75	20 210	81	0.882	0.63	2 659.4	1980	1997	PANCDN PANALTA PRODUCTION DECLINE TOP/BASE TVD
5.03	0.080	0.70	19 390	78	0.863	0.67	2 434.0	1987	1996	PANALTA PRODUCTION DECLINE TOP/BASE TVD
13.80	0.110	0.80	19 130	84	0.872	0.67	2 573.9	1993	1996	PANALTA TOP/BASE TVD
52.60	0.060	0.75	19 090	88	0.878	0.67	2 804.3	1994	1996	
18.10	0.050	0.75	15 670	71	0.845	0.67	1 972.2	1994	1996	PRODUCTION DECLINE TOP/BASE TVD

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	AREA ha
RICINUS 035-08W5 (CONTINUED)									
VIKING A		0.80	0.10				40		600
VIKING A		0.75	0.10				40		200
VIKING B	247	0.70	0.10	156			40		200
VIKING A & B TOTAL	3 114	0.75	0.10	2 091	1 653	438			
VIKING V	270	0.70	0.10	170			39		200
VIKING EE	129	0.70	0.10	81			39		200
MANNVILLE A	267	0.75	0.10	180			39		150
VIK V, EE & MANN A TOTAL	666	0.70	0.10	431	332	99	39	3 883	
VIKING M	445	0.85	0.10	340			39		400
VIKING P	775	0.85	0.10	593			39		600
ELLERSLIE A	59	0.80	0.15	40			41		150
VIKING M,P & ELRS A TOTAL	1 279	0.85	0.10	973	173	800	39	31 456	
D-3 A	11 668	0.40	0.40	2 800	1 807	993	37	37 029	1 561
D-3 B	2 588	0.85	0.45	1 210	814	396	37	14 751	800
D-3 C	1 847	0.80	0.35	961	368	593	28	16 319	250
D-3 D	724	0.85	0.40	369	288	81	34	2 739	200
OTHER	11 331			7 382	3 169	4 213		168 829	
TOTAL-RICINUS	55 351			33 422	15 564	17 858		688 385	
RICINUS WEST 036-10W5									
D-3 A	49 500	0.91	0.45	24 775	24 113	662	38	25 004	2 591
OTHER	1 216			817	372	445		17 882	
TOTAL-RICINUS WEST	50 716			25 592	24 485	1 107		42 886	
RINGS 080-05W6									
TOTAL-RINGS	99			67		67		2 614	
RIVERCOURSE 047-01W4									
TOTAL-RIVERCOURSE	715			460	231	229		8 092	
RIVIERE 055-27W4									
TOTAL-RIVIERE	591			432	192	240		9 246	
ROBIN 014-20W4									
GLAUCONITIC A	1 183	0.90	0.15	905	433	472	38	17 945	1 515
OTHER	350			224	75	149		5 682	
TOTAL-ROBIN	1 533			1 129	508	621		23 627	
ROCHESTER 062-24W4									
TOTAL-ROCHESTER	1 824			1 143	647	496		18 809	
ROCKYFORD 026-23W4									
TOTAL-ROCKYFORD	2 582			1 610	773	837		31 644	
ROLLA 079-06W6									
TOTAL-ROLLA	149			106	2	104		3 946	
ROMEO 025-04W4									
TOTAL-ROMEO	129			86		86		3 271	
RONALANE 013-12W4									
TOTAL-RONALANE	193			75	4	71		2 381	
ROSEVEAR 054-15W5									
BELLOY A	471	0.85	0.10	360	166	194	39	7 514	531
BEAVERHILL LAKE A	7 362	0.87	0.17	5 316	4 749	567	38	21 693	3 201
BEAVERHILL LAKE B	5 741	0.85	0.17	4 050	2 924	1 126	38	43 126	2 145
OTHER	1 230			859	83	776		30 352	
TOTAL-ROSEVEAR	14 804			10 585	7 922	2 663		102 685	
ROUTE 062-08W6									
TOTAL-ROUTE	280			192	70	122		4 880	
ROWLEY 032-20W4									
BELLY RIVER A	987	0.75	0.05	703	544	159	37	5 886	905
PEKISKO A ASSOC		0.92	0.05				40		977
PEKISKO A SOLN	505	0.65	0.05	312[b]			40		
PEKISKO A ASSOC		0.92	0.05				40		1 051
PEKISKO A ASSOC		0.92	0.05				40		188

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
18.63	0.085	0.65	19 530	78	0.860	0.66	2 079.5	1972	1996	PRODUCTION DECLINE
13.72	0.110	0.75	17 140	76	0.855	0.66	2 173.3	1972	1996	PRODUCTION DECLINE TP/BS TVD, AS WELL 16-04-033-07W5M
10.70	0.050	0.65	14 570	84	0.864	0.68	2 813.2	1982	1994	PRODUCTION DECLINE
								1972	1997	
12.40	0.090	0.90	14 810	86	0.872	0.67	2 709.1	1994	1996	TOP/BASE TVD
7.40	0.070	0.85	16 250	88	0.874	0.67	2 813.5	1994	1996	TOP/BASE TVD
5.50	0.100	0.90	24 580	88	0.908	0.66	2 781.2	1994	1996	PRODUCTION DECLINE TOP/BASE TVD
								1994	1997	
11.95	0.074	0.70	20 410	91	0.888	0.67	2 836.5	1988	1993	TOP/BASE TVD
12.40	0.084	0.70	20 330	90	0.899	0.65	2 736.2	1988	1993	TOP/BASE TVD
1.20	0.130	0.90	37 340	101	1.016	0.87	3 154.2	1992	1994	TOP/BASE TVD
								1988	1995	
35.15	0.073	0.75	40 610	108	0.974	0.79	4 206.1	1968	1984	TCPL PCOG PRODUCTION DECLINE
37.96	0.033	0.85	39 850	118	0.954	0.82	4 233.6	1972	1991	TCPL GULF HUSKY TOP/BASE TVD
34.70	0.090	0.90	35 680	117	0.990	0.83	4 294.0	1991	1995	TOP/BASE TVD
7.00	0.060	0.90	33 750	121	0.936	0.81	4 278.5	1993	1997	PRODUCTION DECLINE
124.66	0.065	0.90	39 910	118	0.950	0.83	4 462.5	1969	1995	CHEVRON TCPL HUSKY AMOCO MATERIAL BALANCE
4.34	0.192	0.70	11 740	38	0.802	0.71	1 215.8	1981	1992	PROGAS WASCANA NRTHSTR SUMMIT ENGAGE CRESTAR
1.60	0.164	0.70	20 850	82	0.895	0.65	2 308.3	1988	1996	CDNFRST PRODUCTION DECLINE NONCOMMERCIAL OIL
11.39	0.089	0.85	32 810	109	0.982	0.72	3 222.7	1971	1997	TCPL MATERIAL BALANCE
17.87	0.107	0.85	32 810	116	0.989	0.72	3 231.9	1974	1994	TCPL PRODUCTION DECLINE
9.34	0.308	0.60	3 100	27	0.945	0.56	677.7	1964	1995	SCEPTRE TCPL PRODUCTION DECLINE
4.77	0.079	0.80	10 240	50	0.825	0.68	1 342.5	1960	1997	MATERIAL BALANCE CONCURRENT PRODUCTION
						0.68		1960	1997	MATERIAL BALANCE CONCURRENT PRODUCTION
2.18	0.157	0.85	10 360	50	0.824	0.67	1 333.2	1960	1988	MATERIAL BALANCE
3.35	0.048	0.80	10 220	50	0.825	0.67	1 350.3	1960	1992	MATERIAL BALANCE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					
	INITIAL VOLUME IN PLACE $10^6 m^3$	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES $10^6 m^3$	NET CUMULATIVE PRODUCTION $10^6 m^3$	REMAINING ESTABLISHED RESERVES $10^6 m^3$	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	AREA ha
ROWLEY 032-20W4 (CONTINUED)									
PEKISKO A TOTAL	1 913	0.85	0.05	1 542[b]	1 457[b]	85			
OTHER	4 577			2 814	1 369	1 445		55 333	
TOTAL-ROWLEY	7 477			5 059	3 370	1 689		61 219	
ROXANA 078-19W5									
TOTAL-ROXANA	185			121	1	120		4 472	
ROYAL 053-16W4									
TOTAL-ROYAL	1 131			692	375	317		11 895	
ROYCE 084-07W6									
WABAMUN A	576	0.90	0.10	466	13	453	36	16 462	440
OTHER	459			344	13	331		12 488	
TOTAL-ROYCE	1 035			810	26	784		28 950	
RUBEN (SA) 083-03W5									
TOTAL-RUBEN	30			15		15		554	
RUMSEY 034-21W4									
TOTAL-RUMSEY	2 109			1 362	944	418		15 826	
RYCROFT 077-04W6									
GETHING D	565	0.85	0.10	432	21	411	38	15 437	150
OTHER	2 083			1 162	468	694		27 050	
TOTAL-RYCROFT	2 648			1 594	489	1 105		42 487	
SABBATH (SA) 106-12W6									
TOTAL-SABBATH	84			50		50		1 968	
SADDLE HILLS 076-06W6									
PADDY B	1 750	0.70	0.05	1 164	825	339	37	12 648	1 681
CADOTTE E	509	0.65	0.05	314	311	3	38	114	801
OTHER	1 838			1 210	347	863		33 749	
TOTAL-SADDLE HILLS	4 097			2 688	1 483	1 205		46 511	
SAKWATAMAU 063-14W5									
TOTAL-SAKWATAMAU	1 157			668	195	473		18 276	
SALESKI 086-18W4									
WABISKAW A		0.50	0.05				38		1 653
MCMURRAY A		0.50	0.05				37		1 885
GROSMONT B		0.50	0.05				37		5 377
WBSK A,MCMY A & GSMTB TOTAL	972	0.50	0.05	461	386	75	37	2 738	
GROSMONT A	3 700	0.65	0.05	2 285	2 039	246	36	8 947	33 930
TOTAL-SALESKI	4 672			2 746	2 425	321		11 685	
SALTER 027-08W5									
RUNDLE A	3 577	0.70	0.25	1 878	697	1 181	37	44 240	1 780
TOTAL-SALTER	3 577			1 878	697	1 181		44 240	
SAMSON 044-24W4									
TOTAL-SAMSON	677			455	244	211		8 260	
SAND (SA) 070-08W4									
TOTAL-SAND	180			96		96		3 543	
SANDY 082-20W4									
TOTAL-SANDY	13			7	1	6		223	
SANGUDO 057-06W5									
TOTAL-SANGUDO	336			222	16	206		7 929	
SAPPHIRE (SA) 001-05W4									
TOTAL-SAPPHIRE	158			97		97		3 597	
SARCEE 023-03W5									
RUNDLE A	6 744	0.85	0.18	4 700	3 922	778	39	30 529	1 304
RUNDLE B	562	0.85	0.15	406	37	369	39	14 254	200
TOTAL-SARCEE	7 306			5 106	3 959	1 147		44 783	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
								1960	1994	AMOCO CAN88 TCPL CONCURRENT PRODUCTION
15.85	0.060	0.70	21 510	75	0.894	0.66	2 128.2	1974	1994	SLUSH OIL
21.40	0.190	0.75	11 890	47	0.855	0.63	1 262.2	1983	1997	CHAUVCO
6.09	0.180	0.60	7 170	45	0.895	0.60	1 217.0	1972	1995	TCPL ALTROAN NORCEN POCO TALISMA MATERIAL BALANCE
9.47	0.180	0.60	6 280	50	0.910	0.60	1 262.5	1976	1997	NORCEN POCO TALISMA PRODUCTION DECLINE
0.71	0.308	0.65	750	7	0.983	0.56	210.6	1980	1997	PRODUCTION DECLINE
2.07	0.288	0.75	740	8	0.984	0.58	222.7	1981	1997	PRODUCTION DECLINE
12.53	0.122	0.30	740	7	0.984	0.58	235.8	1980	1997	PRODUCTION DECLINE
								1980	1997	PANALTA PARAMNT
13.33	0.133	0.85	770	9	0.983	0.58	245.3	1977	1996	NORCEN PARAMNT PANALTA AEC MATERIAL BALANCE
21.20	0.051	0.75	26 900	75	0.887	0.68	2 670.7	1972	1997	PANALTA TOP/BASE TVD
29.54	0.074	0.80	26 300	81	0.900	0.71	3 051.2	1954	1984	CWNGNUL MATERIAL BALANCE DEEP CUT SL
21.78	0.060	0.90	29 900	99	0.956	0.71	3 410.2	1988	1997	TOP/BASE TVD, SLUSH OIL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m³	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
SAUNDERS 040-13W5									
RUNDLE B	1 544	0.40	0.10	556	236	320	38	12 307	991
TOTAL-SAUNDERS	1 544			556	236	320		12 307	
SAVANNA CREEK 014-04W5									
RUNDLE A	6 860	0.80	0.20	4 390	3 580	810	38	30 432	2 992
TOTAL-SAVANNA CREEK	6 860			4 390	3 580	810		30 432	
SAWDY 069-22W4									
TOTAL-SAWDY	198			129	37	92		3 459	
SAWN LAKE 091-12W5									
TOTAL-SAWN LAKE	712			284		284		11 062	
SAXON 061-24W5									
TOTAL-SAXON	134			90		90		3 524	
SCANDIA 016-16W4									
TOTAL-SCANDIA	270			211	164	47		1 691	
SEAL 082-14W5									
DEBOLT A		0.80	0.10				38		3 227
DEBOLT E		0.80	0.10				38		970
DEBOLT A & E TOTAL	1 262	0.80	0.10	909	520	389	38	14 642	
OTHER	1 338			846	337	509		19 207	
TOTAL-SEAL	2 600			1 755	857	898		33 849	
SEDALIA 030-05W4									
BELLY RIVER A	1 600	0.50	0.05	760	747	13	37	478	7 190
BELLY RIVER D	577	0.60	0.05	329	324	5	37	184	2 598
BELLY RIVER N	441	0.85	0.05	356	309	47	37	1 724	2 115
VIKING C		0.73	0.08				37		10 604
VIKING E		0.73	0.08				37		4 632
VIKING C & E TOTAL	1 781	0.75	0.10	1 196	1 026	170	37	6 271	
VIKING A		0.70	0.08				37		7 453
VIKING F		0.70	0.08				37		200
UPPER MANNVILLE D		0.70	0.05				38		256
LOWER MANNVILLE B		0.70	0.05				37		1 294
VIK A&F, UMN D & LMN TOTAL	808	0.70	0.05	526	473	53	37	1 966	
OTHER	1 208			652	410	242		8 830	
TOTAL-SEDALIA	6 415			3 819	3 289	530		19 453	
SEDGEWICK 042-12W4									
BASAL MANNVILLE A	545	0.85	0.10	417	408	9	37	332	992
OTHER	166			109	54	55		2 053	
TOTAL-SEDGEWICK	711			526	462	64		2 385	
SEIU LAKE 025-18W4									
MEDICINE HAT A	856	0.50	0.03	415			36		12 401
SE ALTA GAS SYS (MU) TOTAL	856	0.50	0.05	415		415	36	15 135	
UPPER MANNVILLE A		0.75	0.10				39		333
UPPER MANNVILLE A		0.75	0.10				39		3 043
UPPER MANNVILLE A		0.70	0.10				39		300
UPPER MANNVILLE A		0.70	0.10				38		188
UPPER MANNVILLE A		0.75	0.10				38		150
UPPER MANNVILLE A TOTAL	1 208	0.75	0.10	815	722	93	39	3 658	
OTHER	1 491			1 018	250	768		29 343	
TOTAL-SEIU LAKE	3 555			2 248	972	1 276		48 136	
SENEX 092-03W5									
TOTAL-SENEX	341			171	1	170		6 704	
SHADOW 074-17W5									
TOTAL-SHADOW	62			41		41		1 537	
SHANE 077-02W6									
KISKATINAW B	1 115	0.90	0.10	904	604	300	39	11 751	1 008
OTHER	382			275	150	125		4 876	
TOTAL-SHANE	1 497			1 179	754	425		16 627	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
13.58	0.059	0.80	32 030	102	0.999	0.62	3 571.4	1976	1997	TCPL
62.70	0.045	0.85	19 210	84	0.870	0.69	2 534.2	1954	1987	AMOCO HUSKY MOBIL MATERIAL BALANCE
5.32	0.200	0.60	4 220	18	0.914	0.62	606.3	1974	1997	PRODUCTION DECLINE
3.03	0.193	0.60	4 020	18	0.918	0.63	600.7	1974	1997	PRODUCTION DECLINE
								1974	1997	
3.11	0.341	0.70	1 320	12	0.973	0.56	194.2	1973	1996	PROGAS IOL TCPL CWNGNUL CRESTAR NRTHSTR PRODUCTION DECLINE
3.32	0.338	0.75	1 390	14	0.972	0.57	202.0	1975	1995	PROGAS CWNGNUL PRODUCTION DECLINE
3.55	0.325	0.75	1 440	17	0.972	0.56	220.0	1976	1996	TCPL PROGAS NORCEN IOL CWNGNUL ENGAGE PANALTA ENCAL CRESTAR PRODUCTION DECLINE
1.13	0.236	0.55	6 380	32	0.890	0.60	835.6	1954	1996	PRODUCTION DECLINE
0.81	0.231	0.50	6 280	32	0.896	0.59	835.8	1958	1996	PRODUCTION DECLINE
								1954	1996	TCPL ENGAGE CRESTAR
1.56	0.233	0.45	6 570	32	0.894	0.58	749.4	1956	1997	PART OF VIK POOL NO.5 PRODUCTION DECLINE
0.75	0.120	0.40	6 380	32	0.890	0.60	782.4	1957	1997	PART OF VIK POOL NO.5 PRODUCTION DECLINE
2.44	0.220	0.50	7 330	31	0.872	0.60	801.6	1976	1997	PART OF VIK POOL NO.5 PRODUCTION DECLINE
2.20	0.280	0.35	7 950	32	0.870	0.58	829.2	1968	1997	PART OF VIK POOL NO.5 PRODUCTION DECLINE
								1956	1997	AMOCO IOL TCPL PANALTA CRESTAR PART OF VIK POOL NO.5
3.85	0.223	0.75	6 740	35	0.884	0.64	897.0	1954	1997	HUSKY TCPL PRODUCTION DECLINE
1.60	0.170	0.55	4 310	17	0.916	0.56	783.7	1904	1994	PART OF MED HAT POOL NO.1
								1904	1994	TCPL PANCDN CRESTAR
0.90	0.175	0.55	9 720	38	0.815	0.66	1 291.3	1960	1997	PRODUCTION DECLINE
2.08	0.184	0.60	9 690	42	0.828	0.65	1 336.7	1960	1997	PRODUCTION DECLINE
1.80	0.130	0.50	9 500	45	0.837	0.65	1 392.5	1960	1997	PRODUCTION DECLINE
3.55	0.169	0.60	9 300	43	0.831	0.67	1 399.5	1960	1997	PRODUCTION DECLINE
2.00	0.140	0.40	10 110	52	0.840	0.67	1 423.0	1960	1997	PRODUCTION DECLINE ASSIGNED WELL 14-32-025-18W4M
								1960	1997	DIRECT PANCDN QUEBEC TCPL
1.43	0.153	0.75	14 520	55	0.784	0.73	1 518.6	1976	1997	TCPL TALISMA MATERIAL BALANCE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	ha
SHANNON 026-06W4									
TOTAL-SHANNON	154			100	12	88		3 245	
SHAW 049-22W5									
SPRAY RIVER A	139	0.75	0.10	94			37		200
RUNDLE A	2 345	0.40	0.10	844			38		2 348
SPRAY RIV A&RUNDLE A TOTAL	2 484	0.40	0.10	938	629	309	38	11 736	
OTHER	181			131	37	94		3 722	
TOTAL-SHAW	2 665			1 069	666	403		15 458	
SHEKILIE 117-09W6									
KR 11-118-08	613	0.85	0.20	417		417	42	17 627	64
OTHER	4 718			2 111	370	1 741		70 315	
TOTAL-SHEKILIE	5 331			2 528	370	2 158		87 942	
SHEKILIE WEST 117-11W6									
TOTAL-SHEKILIE WEST	260			154	2	152		5 666	
SHOULDICE 020-23W4									
MEDICINE HAT A	943	0.50	0.03	458			36		14 671
BELLY RIVER A	5	0.60	0.05	3			37		75
SE ALTA GAS SYS (MU) TOTAL	948	0.50	0.05	461	139	322	36	11 743	
GLAUCONITIC J SOLN	20	0.65	0.30	9[b]			40		
GLAUCONITIC J ASSOC	508	0.90	0.10	411[b]	283[b]	137	40	5 414	252
GLAUCONITIC L	397	0.85	0.10	303	175	128	39	5 021	150
OTHER	2 194			1 271	456	815		31 200	
TOTAL-SHOULDICE	4 067			2 455	1 053	1 402		53 378	
SIBBALD 027-02W4									
VIKING A	1 039	0.80	0.05	789	709	80	37	2 935	2 989
OTHER	1 951			1 289	473	816		30 018	
TOTAL-SIBBALD	2 990			2 078	1 182	896		32 953	
SILER 057-06W4									
TOTAL-SILER	391			244	57	187		6 983	
SILVER 017-28W4									
TOTAL-SILVER	356			272	58	214		8 280	
SIMONETTE 063-26W5									
DUNVEGAN F ASSOC	2 576	0.70	0.10	1 623	706	917	41	37 845	3 518
GETHING A	946	0.80	0.10	681	280	401	40	16 076	1 400
WABAMUN A	693	0.90	0.40	374	335	39	39	1 514	400
WAB 03-064-26	614	0.90	0.35	359		359	39	13 897	200
D-3 SOLN	5 781	0.64	0.50	1 850[b]			41		
D-3 ASSOC		0.80	0.25		1 764[b]	86	41	3 543	
BEAVERHILL LAKE A SOLN	2 132	0.45	0.15	815	347	468	38	17 756	
OTHER	3 385			1 713	658	1 055		42 634	
TOTAL-SIMONETTE	16 127			7 415	4 090	3 325		133 265	
SINCLAIR 074-12W6									
DOE CREEK N	94	0.70	0.20	53			42		575
PADDY A	5 490	0.90	0.20	3 953			41		3 893
DOE CREEK N & PADDY A TOTAL	5 584	0.90	0.20	4 006	3 903	103	41	4 188	
PADDY B	1 439	0.85	0.10	1 101	1 020	81	41	3 281	1 743
PADDY D	576	0.85	0.10	441	274	167	40	6 755	1 725
FALHER A	2 729	0.85	0.15	1 972	1 906	66	40	2 660	11 200
BLUESKY A		0.75	0.05				38		200
BLUESKY C		0.85	0.05				38		629
BLUESKY A & C TOTAL	447	0.85	0.05	361	358	3	38	114	
GETHING P	104	0.75	0.05	74			38		150
NIKANASSIN D	387	0.85	0.10	296			39		400
GETH P & NIKANASSIN D TOTAL	491	0.85	0.10	370	6	364	39	14 262	
NOTIKEWIN A	222	0.75	0.20	134			41		500
CADOMIN A	4 236	0.70	0.10	2 669			38		13 114
NOTI A & CADOMIN A TOTAL	4 458	0.70	0.10	2 803	231	2 572	38	97 736	
HALFWAY A	398	0.90	0.15	304	82	222	38	8 338	200
HALFWAY B	392	0.90	0.10	318	81	237	38	8 899	400

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
2.40	0.090	0.90	32 680	99	1.008	0.63	3 920.5	1973	1986	PRODUCTION DECLINE TOP/BASE TVD
10.58	0.050	0.85	33 270	137	1.039	0.61	3 973.3	1973	1984	TOP/BASE TVD
								1973	1986	TCPL
85.00	0.100	0.80	13 950	82	0.793	0.81	1 732.5	1983	1994	ENGAGE
1.49	0.170	0.55	4 310	17	0.916	0.56	873.4	1904	1994	PART OF MED HAT POOL NO.1
2.50	0.150	0.50	3 410	28	0.942	0.57	707.5	1993	1996	
								1904	1994	PROGAS PANALTA QUEBEC CRESTAR
						0.67		1981	1997	SHELL NORCEN DIRECT CONC PROD. OIL DEPLETED
7.48	0.222	0.80	13 330	45	0.786	0.67	1 648.2	1981	1997	SHELL NORCEN DIRECT CONC PROD. OIL DEPLETED
11.70	0.200	0.75	13 330	44	0.792	0.67	1 681.8	1986	1994	SHELL NORCEN
2.49	0.228	0.50	6 880	30	0.884	0.58	755.1	1951	1973	TCPL MATERIAL BALANCE
5.62	0.125	0.70	14 270	66	0.804	0.70	1 833.1	1959	1997	AEC RIOALTO PROGAS OIL DEPLETED
4.08	0.130	0.70	19 530	77	0.872	0.63	2 525.4	1970	1997	PROGAS NRTHSTR DIRECT TALISMA CHEL RIOALTO
33.22	0.089	0.85	34 070	102	0.901	1.13	3 367.2	1959	1997	PRODUCTION DECLINE
12.00	0.100	0.95	30 400	98	0.865	1.02	3 322.1	1995	1996	TOP/BASE TVD
						0.87		1958	1994	SECONDARY GAS CAP PRODUCING, GPP
						0.87		1958	1994	SECONDARY GAS CAP PRODUCING, GPP
						0.66		1993	1997	CHEVRON GPP
2.15	0.160	0.65	6 750	42	0.832	0.72	1 172.2	1981	1996	DEEP CUT SL
6.25	0.150	0.80	12 700	60	0.816	0.68	1 669.2	1978	1995	PRODUCTION DECLINE DEEP CUT SL
								1978	1996	TCPL HUSKY CHEL AMOCO DEEP CUT SL
7.13	0.115	0.75	11 310	60	0.833	0.66	1 615.3	1978	1995	TCPL AEC CRESTAR PRODUCTION DECLINE
3.43	0.121	0.60	10 910	55	0.823	0.67	1 452.8	1978	1997	PANALTA PROGAS NORCEN AEC PRODUCTION DECLINE
3.14	0.080	0.60	14 150	65	0.827	0.67	1 823.1	1977	1996	TCPL HUSKY PROGAS AMOCO PANALTA CRESTAR AEC CHEL PRODUCTION DECLINE DEEP CUT SL
1.20	0.130	0.65	13 890	51	0.846	0.61	1 834.9	1981	1992	PRODUCTION DECLINE
1.59	0.092	0.65	13 870	68	0.866	0.63	1 876.3	1977	1992	PRODUCTION DECLINE
								1977	1992	PANALTA PROGAS TCPL
5.00	0.120	0.80	15 360	74	0.868	0.64	2 028.0	1979	1997	
4.65	0.140	0.80	19 580	78	0.854	0.69	2 279.3	1979	1997	
								1979	1997	
5.20	0.133	0.45	14 300	71	0.829	0.69	1 857.1	1980	1996	PART OF CDM POOL NO.1 DEEP CUT SL
5.45	0.053	0.70	18 180	87	0.899	0.62	2 358.0	1977	1996	PART OF CDM POOL NO.1 DEEP CUT SL
								1977	1996	PANALTA PROGAS TCPL CRESTAR PART OF CDM POOL NO.1 DEEP CUT SL
9.70	0.110	0.85	25 290	82	0.923	0.64	2 473.0	1988	1994	PANALTA PROGAS
8.35	0.074	0.75	25 250	88	0.940	0.61	2 440.0	1992	1994	PROGAS AEC CRESTAR

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10⁶m³	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10⁶m³	5 NET CUMULATIVE PRODUCTION 10⁶m³	6 REMAINING ESTABLISHED RESERVES 10⁶m³	7 GROSS HEAT VALUE MJ/m³	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
SINCLAIR 074-12W6 (CONTINUED)									
HALFWAY H	1 156	0.85	0.10	885	17	868	37	32 238	200
HFWY 23-073-13	544	0.90	0.15	417		417	38	15 663	200
HFWY 19-073-13	510	0.85	0.15	369		369	38	13 860	200
DOIG A	10 370	0.75	0.10	7 000	4 649	2 351	38	88 774	4 822
MONTNEY A	2 066	0.85	0.10	1 580	349	1 231	38	46 630	1 105
MONTNEY B	516	0.80	0.10	372	24	348	38	13 168	200
OTHER	8 572			5 778	1 932	3 846		150 418	
TOTAL-SINCLAIR	40 248			28 077	14 832	13 245		506 984	
SIPHON (SA) 086-10W6									
TOTAL-SIPHON	30			22		22		829	
SKARO 057-19W4									
TOTAL-SKARO	205			136	4	132		4 974	
SKIFF 005-14W4									
TOTAL-SKIFF	47			17		17		662	
SLAVE 084-14W5									
TOTAL-SLAVE	1 134			610	269	341		12 254	
SMITH 071-25W4									
WABISKAW A	493	0.75	0.05	352	129	223	37	8 293	1 682
OTHER	1 881			1 136	393	743		27 827	
TOTAL-SMITH	2 374			1 488	522	966		36 120	
SMITH COULEE 004-11W4									
BOW ISLAND A	941	0.85	0.05	760			33		17 862
BOW ISLAND A	9	0.65	0.05	6			33		200
BOW ISLAND A TOTAL	950	0.85	0.05	766	738	28	33	929	
BOW ISLAND B	441	0.85	0.05	356	351	5	35	176	4 973
OTHER	239			160	52	108		3 883	
TOTAL-SMITH COULEE	1 630			1 282	1 141	141		4 988	
SMOKY (SA) 059-03W6									
TOTAL-SMOKY	101			73		73		2 834	
SNEDDON 080-10W6									
TOTAL-SNEDDON	141			101		101		3 822	
SNIPE LAKE 071-18W5									
BEAVERHILL LAKE SOLN	1 832	0.35	0.45	353	303	50	39	1 960	
TOTAL-SNIPE LAKE	1 832			353	303	50		1 960	
SNOWFALL 099-08W6									
TOTAL-SNOWFALL	540			377	95	282		11 258	
SOUNDING 030-09W4									
TOTAL-SOUNDING	1 330			809	676	133		4 979	
SOUSA 112-05W6									
BLUESKY A	1 200	0.50	0.05	570	447	123	38	4 647	13 327
OTHER	364			213	107	106		4 023	
TOTAL-SOUSA	1 564			783	554	229		8 670	
SPENCER 066-08W4									
TOTAL-SPENCER	49			29		29		1 075	
SPIERS 034-15W4									
TOTAL-SPIERS	887			622	336	286		10 685	
SPIRIT RIVER 078-07W6									
CHARLIE LAKE K SOLN	983	0.36	0.10	319[b]			39		
HALFWAY F ASSOC	41	0.75	0.10	28[b]			39		200
CHARLIE LK K & HALF F TOTAL	1 024	0.40	0.10	347[b]	313[b]	34	39	1 334	
OTHER	788			521	109	412		15 859	
TOTAL-SPIRIT RIVER	1 812			868	422	446		17 193	
SPRUCE GROVE 053-27W4									
TOTAL-SPRUCE GROVE	155			103	24	79		3 004	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
23.30	0.130	0.95	23 340	84	0.926	0.61	2 614.5	1996	1997	TOP/BASE TVD
17.50	0.100	0.70	26 060	85	0.933	0.64	2 658.9	1994	1996	AEC
18.50	0.090	0.70	25 880	87	0.934	0.64	2 747.2	1994	1996	AEC
10.62	0.092	0.85	26 150	83	0.942	0.59	2 518.2	1977	1991	TCPL HUSKY PANALTA PROGAS NORCEN MATERIAL BALANCE NONCOMMERCIAL OIL
7.16	0.137	0.85	27 560	93	0.955	0.62	2 693.0	1995	1996	TOP/BASE TVD
5.70	0.220	0.90	27 940	89	0.960	0.60	2 870.3	1996	1997	
4.55	0.245	0.80	3 210	23	0.939	0.58	575.6	1989	1997	PROGAS NONCOMMERCIAL OIL
0.97	0.192	0.55	4 340	19	0.925	0.61	618.1	1947	1996	MATERIAL BALANCE
0.90	0.190	0.60	4 160	8	0.917	0.61	623.3	1947	1997	ASSIGNED WELL 00/6-16-5-11W4
								1947	1997	CRESTAR SCEPTRE IOL CMG
0.90	0.266	0.60	4 410	26	0.927	0.58	648.7	1947	1995	CMG IOL CRESTAR PRODUCTION DECLINE
						0.81		1962	1997	TCPL NORCEN GPP
2.40	0.230	0.50	2 620	11	0.939	0.58	220.2	1974	1994	PANALTA TALISMA PRODUCTION DECLINE
						0.62		1983	1995	GPP
2.10	0.100	0.75	12 930	59	0.849	0.62	1 410.3	1983	1988	
								1983	1995	CHAUVCO PANALTA NORCEN GPP

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE $10^6 m^3$	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES $10^6 m^3$	NET CUMULATIVE PRODUCTION $10^6 m^3$	REMAINING ESTABLISHED RESERVES $10^6 m^3$	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	ha
SPUR 072-02W5									
WABISKAW A	793	0.70	0.05	527	490	37	37	1 370	2 728
OTHER	1 389			898	554	344		12 735	
TOTAL-SPUR	2 182			1 425	1 044	381		14 105	
ST ALBERT-BIG LAKE 054-25W4									
OSTRACOD A	3 301	0.85	0.15	2 385	2 385	< 1	39	-	3 074
BASAL QUARTZ B	692	0.85	0.15	500		500	39	19 500	404
OTHER	1 002			571	121	450		17 272	
TOTAL-ST ALBERT-BIG LAKE	4 995			3 456	2 506	950		36 772	
ST ANNE 054-04W5									
TOTAL-ST ANNE	605			359	200	159		6 258	
ST PAUL 058-09W4									
UPPER MANNVILLE A	750	0.80	0.05	570	506	64	37	2 397	1 583
OTHER	1 490			851	493	358		13 317	
TOTAL-ST PAUL	2 240			1 421	999	422		15 714	
STANDARD 026-22W4									
VIKING A	475	0.75	0.10	320			38		2 546
GLAUCONITIC A	60	0.75	0.05	43			38		448
ELLERSLIE A	40	0.75	0.10	27			39		300
VIK A, GLC A & ELRS A TOTAL	575	0.75	0.10	390	232	158	38	6 028	
OTHER	802			512	117	395		14 513	
TOTAL-STANDARD	1 377			902	349	553		20 541	
STANMORE 029-11W4									
VIKING A		0.70	0.05				38		12 191
VIKING B		0.70	0.05				37		2 383
UPPER MANNVILLE Z		0.75	0.10				39		2 526
VIK AB,UMN Z & LMN L TOTAL	3 200	0.75	0.05	2 256	2 045	211	38	7 936	
UPPER MANNVILLE H	641	0.85	0.10	491	120	371	39	14 432	856
UPPER MANNVILLE T	475	0.80	0.10	342	298	44	37	1 613	288
OTHER	5 532			3 628	1 683	1 945		74 001	
TOTAL-STANMORE	9 848			6 717	4 146	2 571		97 982	
STEELE 066-25W4									
UPPER MANNVILLE G		0.70	0.05				38		363
UPPER MANNVILLE G		0.75	0.05				38		150
UPPER MANNVILLE G TOTAL	571	0.70	0.05	380	350	30	38	1 132	
UPPER MANNVILLE B	42	0.70	0.05	28			38		260
GRAND RAPIDS R	834	0.75	0.05	595			36		523
U MANN B & GRD RP R TOTAL	876	0.75	0.05	623	413	210	36	7 625	
WABAMUN F	571	0.70	0.05	380	360	20	38	753	1 174
OTHER	3 011			1 953	1 120	833		31 307	
TOTAL-STEELE	5 029			3 336	2 243	1 093		40 817	
STEEN 108-01W6									
TOTAL-STEEN	139			73		73		2 651	
STETTLER 038-20W4									
TOTAL-STETTLER	1 168			360	283	77		2 992	
STETTLER NORTH 039-19W4									
LOWER MANNVILLE B	716	0.75	0.10	483	367	116	39	4 503	595
OTHER	606			374	56	318		12 042	
TOTAL-STETTLER NORTH	1 322			857	423	434		16 545	
STEVE 059-07W4									
TOTAL-STEVE	946			607	471	136		5 170	
STEWART 032-28W4									
TOTAL-STEWART	793			508	328	180		7 176	
STIRLING 007-19W4									
BOW ISLAND A	812	0.85	0.05	656	495	161	37	5 954	5 584
OTHER	42			24		24		799	
TOTAL-STIRLING	854			680	495	185		6 753	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
2.79	0.263	0.75	3 340	23	0.938	0.57	573.1	1979	1996	AMOCO NORCEN CGGS CDNFRST SCEPTRE CNRL SHELL AEC PRODUCTION DECLINE
2.80	0.205	0.85	10 090	43	0.784	0.78	1 133.8	1952	1993	
9.90	0.198	0.85	9 410	49	0.808	0.78	1 144.4	1952	1992	IOL
3.52	0.292	0.75	2 990	22	0.936	0.57	479.0	1947	1995	NORCEN TARRAGN CENTRA PANALTA RENENER PRODUCTION DECLINE
2.14	0.190	0.55	7 990	42	0.865	0.63	1 279.4	1956	1997	
1.19	0.179	0.60	10 170	48	0.856	0.62	1 464.3	1964	1997	
1.50	0.150	0.55	10 470	55	0.848	0.66	1 490.9	1995	1996	
								1956	1997	
2.14	0.234	0.55	7 200	35	0.877	0.60	865.8	1961	1997	PRODUCTION DECLINE
1.49	0.267	0.50	7 320	32	0.876	0.59	883.1	1961	1997	PRODUCTION DECLINE
1.70	0.229	0.65	9 460	38	0.822	0.66	1 045.5	1970	1997	PRODUCTION DECLINE
								1961	1997	CRESTAR ENGAGE TCPL PROGAS TARRAGN IOL NRTHSTR OIL DEPLETED
6.64	0.211	0.55	8 810	36	0.834	0.64	1 009.2	1977	1997	SCEPTRE TCPL
6.98	0.248	0.80	9 470	41	0.842	0.67	1 046.4	1979	1995	TCPL PROGAS CRESTAR PRODUCTION DECLINE
5.89	0.274	0.85	4 570	21	0.906	0.59	594.8	1991	1996	PRODUCTION DECLINE
1.00	0.250	0.50	3 860	24	0.923	0.59	579.0	1991	1996	PRODUCTION DECLINE
								1991	1996	TCPL NORCEN RENENER
1.64	0.271	0.60	5 760	30	0.896	0.59	757.2	1988	1993	SLUSH OIL
13.06	0.301	0.80	4 760	21	0.908	0.59	625.3	1988	1992	SLUSH OIL
								1988	1993	RENENER SLUSH OIL
7.25	0.167	0.65	4 120	31	0.923	0.60	667.2	1975	1994	TCPL PRODUCTION DECLINE
3.65	0.207	0.80	9 600	56	0.869	0.65	1 339.1	1975	1990	CDNFRST CENTRA TCPL GARDNER MATERIAL BALANCE NONCOMMERCIAL OIL
2.62	0.204	0.65	3 340	30	0.943	0.57	781.5	1957	1997	CWNGNUL PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10⁶m³	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10⁶m³	5 NET CUMULATIVE PRODUCTION 10⁶m³	6 REMAINING ESTABLISHED RESERVES 10⁶m³	7 GROSS HEAT VALUE MJ/m³	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
STOLBERG 042-15W5									
RUNDLE A		0.50	0.10				39		1 024
RUNDLE B		0.50	0.15				39		2 754
RUNDLE C		0.50	0.15				39		440
RUNDLE D		0.50	0.10				39		2 022
RUNDLE A,B,C & D TOTAL	8 700	0.50	0.10	3 872	2 329	1 543	39	60 007	
RUNDLE E	924	0.45	0.10	374			39		400
RUNDLE F	768	0.45	0.10	311			39		335
RUNDLE G	565	0.50	0.15	241			39		440
RUNDLE E, F & G TOTAL	2 257	0.45	0.10	926	800	126	39	4 894	
TOTAL-STOLBERG	10 957			4 798	3 129	1 669		64 901	
STRACHAN 037-09W5									
GLAUCONITIC B	1 325	0.80	0.10	954	784	170	40	6 725	2 041
GLAUCONITIC D	573	0.80	0.05	435	414	21	39	824	1 522
GLAUCONITIC G	467	0.75	0.10	315	291	24	40	950	150
D-3 A	40 212	0.90	0.25	27 143	26 470	673	39	26 375	1 923
D-3 B	538	0.93	0.15	425	413	12	38	456	645
D-3 C	2 893	0.60	0.20	1 389	1 387	2	39	77	959
D-3 D	1 000	0.80	0.10	720	17	703	38	26 566	250
OTHER	2 590			1 741	443	1 298		51 818	
TOTAL-STRACHAN	49 598			33 122	30 219	2 903		113 791	
STRATHMORE 024-25W4									
BELLY RIVER A	6 110	0.75	0.05	4 354	3 332	1 022	37	37 630	13 763
VIKING B	576	0.75	0.05	410	372	38	36	1 386	2 436
OTHER	2 982			1 733	563	1 170		43 878	
TOTAL-STRATHMORE	9 668			6 497	4 267	2 230		82 894	
STROME 044-16W4									
ELLERSLIE K	863	0.75	0.05	615	474	141	37	5 190	1 173
OTHER	2 381			1 479	749	730		27 029	
TOTAL-STROME	3 244			2 094	1 223	871		32 219	
STRY 058-13W4									
UPPER MANNVILLE A		0.50	0.05				37		4 115
UPPER MANNVILLE B		0.50	0.05				37		437
UPPER MANNVILLE A & B TOTAL	640	0.50	0.05	304	292	12	37	448	
OTHER	1 374			878	471	407		15 197	
TOTAL-STRY	2 014			1 182	763	419		15 645	
STURGEON LAKE 071-23W5									
D-3 SOLN	2 487	0.65	0.45	889	183	706	39	27 569	
OTHER	292			196	1	195		7 302	
TOTAL-STURGEON LAKE	2 779			1 085	184	901		34 871	
STURGEON LAKE SOUTH 069-22W5									
TRIASSIC F SOLN	626	0.65	0.10	366[b]			40		
TRIASSIC F ASSOC	2	0.70	0.10	1[b]	45[b]	322	40	12 803	200
D-3 SOLN	8 967	0.65	0.45	3 206[b]			37		
D-3 ASSOC	333	0.85	0.20	226[b]	2 389[b]	1 043	37	38 789	226
OTHER	2 169			1 061	301	760		29 319	
TOTAL-STURGEON LAKE SOUTH	12 097			4 860	2 735	2 125		80 911	
SUFFIELD 018-06W4									
MILK RIVER A	34 019	0.70	0.05	22 622			36		261 713
MEDICINE HAT A	16 974	0.70	0.05	11 288			36		224 904
MEDICINE HAT C	3 202	0.50	0.05	1 521			36		99 187
MEDICINE HAT D	2 522	0.50	0.05	1 198			36		55 978
SECOND WHITE SPECKS A	16 572	0.60	0.05	9 446			36		155 758
SE ALTA GAS SYS(MU) TOTAL	73 289	0.65	0.05	46 075	33 550	12 525	36	456 787	
BOW ISLAND J	432	0.85	0.05	349	137	212	37	7 872	677
BOW ISLAND N	965	0.60	0.05	550	101	449	36	16 362	877

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
24.06	0.053	0.85	27 740	99	0.954	0.64	3 471.8	1957	1995	PRODUCTION DECLINE TOP/BASE TVD, SLUSH OIL
15.90	0.049	0.85	33 010	100	0.999	0.65	3 802.7	1957	1995	PRODUCTION DECLINE SLUSH OIL
13.10	0.047	0.85	38 860	112	1.060	0.65	4 113.6	1957	1995	PRODUCTION DECLINE TOP/BASE TVD, SLUSH OIL
11.18	0.055	0.85	31 540	95	0.984	0.64	3 904.5	1974	1995	PRODUCTION DECLINE TOP/BASE TVD, SLUSH OIL
								1957	1995	TCPL PANALTA AMOCO TALISMA SLUSH OIL
21.30	0.052	0.85	31 770	99	0.990	0.63	3 386.1	1976	1997	
19.27	0.058	0.85	32 310	106	1.004	0.62	3 769.5	1976	1997	
12.60	0.050	0.85	33 400	117	1.016	0.64	3 892.5	1974	1984	
								1974	1997	AMOCO TCPL PANALTA TALISMA
4.18	0.075	0.70	32 110	92	0.976	0.65	3 013.4	1981	1994	PROGAS IOL TCPL HUSKY AMOCO TALISMA GULF PRODUCTION DECLINE
3.12	0.100	0.70	31 460	98	0.981	0.64	3 008.9	1972	1997	PROGAS IOL TCPL HUSKY GULF PRODUCTION DECLINE
6.61	0.070	0.80	25 460	89	0.908	0.68	3 333.5	1985	1994	PROGAS IOL TCPL HUSKY PRODUCTION DECLINE TOP/BASE TVD
113.85	0.082	0.90	49 300	112	1.150	0.76	4 102.2	1967	1996	TCPL HUSKY TALISMA MATERIAL BALANCE TOP/BASE TVD
51.51	0.031	0.80	49 190	110	1.160	0.64	4 097.9	1970	1997	HUSKY MATERIAL BALANCE TOP/BASE TVD
22.78	0.080	0.80	31 410	116	0.964	0.75	3 712.6	1972	1994	TCPL PRODUCTION DECLINE
20.80	0.090	0.85	35 860	115	1.046	0.61	4 245.2	1990	1994	AEC TOP/BASE TVD
7.59	0.211	0.60	3 210	30	0.940	0.61	890.4	1962	1996	CHAUVCO CWNGNUL PANCDN ENGAGE MATERIAL BALANCE
1.00	0.151	0.65	7 710	46	0.890	0.62	1 475.4	1975	1992	CWNGNUL PANCDN PRODUCTION DECLINE
5.95	0.239	0.70	7 170	39	0.884	0.63	1 042.5	1980	1997	PRODUCTION DECLINE
2.95	0.327	0.60	4 050	24	0.924	0.56	616.2	1970	1995	PRODUCTION DECLINE
1.60	0.336	0.60	3 790	24	0.927	0.58	523.3	1974	1995	PRODUCTION DECLINE
								1970	1995	TCPL SASKEN ALTROAN
						0.85		1952	1997	TCPL GPP
						0.67		1995	1997	CONCURRENT PRODUCTION
0.10	0.140	0.50	13 500	64	0.827	0.67	1 768.8	1995	1997	CONCURRENT PRODUCTION
						0.78		1953	1997	POCO GARDNER TALISMA UNOCAL GPP
17.85	0.044	0.80	26 710	86	0.903	0.78	2 518.5	1953	1997	POCO GARDNER TALISMA UNOCAL GPP
7.80	0.154	0.55	3 140	16	0.938	0.56	355.2	1910	1996	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
1.70	0.170	0.55	4 310	17	0.916	0.56	434.9	1904	1996	PART OF MED HAT POOL NO.1 PRODUCTION DECLINE
0.79	0.139	0.60	4 450	19	0.916	0.56	413.0	1973	1996	PART OF MED HAT POOL NO.3 PRODUCTION DECLINE
1.12	0.139	0.60	4 450	19	0.916	0.56	435.1	1973	1996	PART OF MED HAT POOL NO.4 PRODUCTION DECLINE
1.34	0.216	0.60	5 690	27	0.904	0.56	623.0	1944	1996	PART OF 2WS POOL NO.1 PRODUCTION DECLINE
								1904	1996	SCEPTRE TCPL CWNGNUL PANALTA RENENER AEC POCO CRESTAR
1.10	0.226	0.55	6 760	28	0.881	0.59	766.3	1973	1988	PANALTA MATERIAL BALANCE
2.14	0.269	0.65	7 490	32	0.881	0.59	813.5	1977	1996	PANALTA PRODUCTION DECLINE GAS STORAGE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	ha
SUFFIELD 018-06W4 (CONTINUED)									
UPPER MANNVILLE A ASSOC		0.65	0.05				36		590
UPPER MANNVILLE A SOLN	1 557	0.65	0.10	911[b]			36		
UPPER MANNVILLE A ASSOC		0.65	0.05				36		384
UPPER MANNVILLE A ASSOC		0.65	0.05				36		20
UPPER MANNVILLE A ASSOC		0.65	0.05				36		15
UPPER MANNVILLE A TOTAL	1 868	0.65	0.10	1 103[b]	135[b]	968	36	34 780	
UPPER MANNVILLE I	1 684	0.80	0.05	1 280	-547	1 827	37	66 795	2 540
UPPER MANNVILLE J ASSOC	9	0.75	0.05	7[b]			36		8
UPPER MANNVILLE J SOLN	893	0.65	0.05	551[b]			36		
UPPER MANNVILLE J ASSOC	40	0.75	0.05	29[b]			36		64
UPPER MANNVILLE J ASSOC	3	0.70	0.05	2[b]			36		16
UPPER MANNVILLE J ASSOC	4	0.70	0.05	3[b]			36		16
UPPER MANNVILLE J TOTAL	949	0.65	0.05	592[b]	143[b]	449	36	16 213	
OTHER	3 955			2 654	894	1 760		63 682	
TOTAL-SUFFIELD	83 142			52 603	34 413	18 190		662 491	
SUGDEN 062-10W4									
VIKING A	4 015	0.40	0.05	1 526	24	1 502	37	56 265	67 678
COLONY D	654	0.80	0.05	497	416	81	37	3 034	1 515
COLONY S	497	0.75	0.05	354	242	112	37	4 170	1 819
GRAND RAPIDS J		0.65	0.05				37		1 529
GRAND RAPIDS K		0.65	0.05				38		413
GRAND RAPIDS J & K TOTAL	615	0.65	0.05	380	325	55	37	2 058	
GRAND RAPIDS A	548	0.75	0.05	390			37		5 257
GRAND RAPIDS I	118	0.65	0.05	73			37		1 563
GRAND RAPIDS O	44	0.60	0.05	25			37		200
GRAND RAPIDS A,I & O TOTAL	710	0.70	0.05	488	278	210	37	7 781	
MCMURRAY C	533	0.75	0.05	380	341	39	37	1 447	800
OTHER	9 040			5 454	3 430	2 024		75 499	
TOTAL-SUGDEN	16 064			9 079	5 056	4 023		150 254	
SULLIVAN LAKE 035-13W4									
BELLY RIVER A	626	0.75	0.05	447			37		2 085
BELLY RIVER B	52	0.70	0.05	34			37		487
BELLY RIVER A & B TOTAL	678	0.75	0.05	481	436	45	37	1 664	
OTHER	1 516			870	565	305		11 434	
TOTAL-SULLIVAN LAKE	2 194			1 351	1 001	350		13 098	
SUNCHILD 043-11W5									
ELKTON - SHUNDA A	45	0.75	0.10	31			38		128
ELKTON - SHUNDA A	775	0.85	0.15	560			39		2 157
ELKTON - SHUNDA A	376	0.85	0.15	272			39		1 468
ELKTON-SHUNDA A TOTAL	1 196	0.85	0.15	863	635	228	39	8 869	
OTHER	656			428	338	90		3 599	
TOTAL-SUNCHILD	1 852			1 291	973	318		12 468	
SUNDANCE 054-21W5									
VIKING A	3 028	0.90	0.05	2 589	2 556	33	40	1 312	2 554
TRIASSIC A	576	0.85	0.10	441	280	161	36	5 846	718
OTHER	1 402			977	228	749		29 648	
TOTAL-SUNDANCE	5 006			4 007	3 064	943		36 806	
SUNNYNOOK 026-10W4									
UPPER MANNVILLE B	690	0.85	0.05	558	104	454	38	17 188	1 390
UPPER MANNVILLE U	434	0.85	0.05	351	14	337	38	12 678	450
BASAL MANNVILLE J	545	0.90	0.05	466	243	223	38	8 400	903
BASAL MANNVILLE V	605	0.85	0.05	488	197	291	37	10 857	988
OTHER	5 124			3 610	1 476	2 134		79 859	
TOTAL-SUNNYNOOK	7 398			5 473	2 034	3 439		128 982	
SUNSET 069-19W5									
TOTAL-SUNSET	277			192	132	60		2 312	
SUPERBA 026-04W4									
GLAUCONITIC B	1 006	0.80	0.05	765	696	69	37	2 551	1 677
OTHER	1 212			845	311	534		19 706	
TOTAL-SUPERBA	2 218			1 610	1 007	603		22 257	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
2.53	0.255	0.75	10 240	36	0.862	0.59	938.9	1976	1991	PRODUCTION DECLINE CONCURRENT PRODUCTION
						0.59		1976	1991	PRODUCTION DECLINE CONCURRENT PRODUCTION
4.37	0.251	0.75	10 160	32	0.855	0.59	948.2	1976	1990	PRODUCTION DECLINE
1.22	0.240	0.60	10 160	32	0.843	0.62	927.8	1976	1990	PRODUCTION DECLINE ASSIGNED WELL 04-02-020-07W4M
2.07	0.260	0.65	10 240	36	0.862	0.59	951.8	1976	1995	PRODUCTION DECLINE CONCURRENT PRODUCTION
								1976	1991	RENENER CONCURRENT PRODUCTION
3.83	0.235	0.75	10 480	28	0.839	0.59	974.4	1974	1994	MATERIAL BALANCE NONCOMMERCIAL OIL
5.20	0.270	0.80	9 340	35	0.865	0.59	889.4	1966	1991	GPP
						0.59		1966	1991	GPP
3.27	0.268	0.70	9 320	31	0.859	0.59	941.6	1966	1996	
1.20	0.290	0.60	7 510	35	0.885	0.60	922.6	1966	1996	TP/BS TVD. AS WELL C0/16-21-020-08W4M
2.20	0.230	0.65	7 610	36	0.883	0.60	942.9	1966	1996	ASSIGNED WELL 00/4-27-19-8W4M
								1966	1996	RENENER GPP
1.54	0.241	0.50	3 040	15	0.939	0.57	324.2	1949	1991	DUKE SASKEN CWNGNUL CNWE DIRECT PANALTA AMOCO NORCEN POCO PROGAS TCPL PART OF VIK POOL NO.6
3.90	0.295	0.80	2 470	17	0.950	0.57	322.1	1973	1997	PROGAS DIRECT PANALTA MATERIAL BALANCE
4.32	0.308	0.80	2 480	16	0.950	0.56	376.2	1978	1996	PANALTA
3.61	0.289	0.65	2 590	15	0.946	0.56	338.7	1971	1989	PRODUCTION DECLINE
2.30	0.304	0.60	2 590	16	0.945	0.57	350.1	1971	1989	PRODUCTION DECLINE
								1971	1992	PANALTA PROGAS TCPL
2.06	0.316	0.60	2 620	21	0.950	0.56	339.5	1971	1995	
1.44	0.300	0.65	2 600	18	0.949	0.56	318.0	1974	1995	
3.96	0.300	0.85	2 090	15	0.957	0.57	320.5	1977	1995	
								1971	1995	AMOCO SASKEN PANALTA PROGAS TCPL
2.09	0.301	0.75	3 340	19	0.935	0.56	450.1	1974	1997	PROGAS SASKEN PANALTA PRODUCTION DECLINE
4.96	0.339	0.55	3 100	16	0.939	0.56	437.6	1967	1987	
2.49	0.270	0.50	3 050	16	0.940	0.56	420.9	1976	1987	
								1967	1987	NRTHSTR TCPL
2.44	0.080	0.85	26 100	104	0.926	0.73	2 899.0	1969	1987	
2.92	0.080	0.80	24 210	108	0.940	0.65	2 934.9	1969	1993	
1.95	0.077	0.85	26 100	113	0.959	0.65	2 933.1	1969	1993	
								1969	1993	PROGAS TCPL TALISMA
4.52	0.145	0.80	30 430	96	0.962	0.67	2 727.3	1971	1996	ENGAGE IOL PANALTA TALISMA CDNFRST PRODUCTION DECLINE SLUSH OIL
1.59	0.076	0.75	27 800	86	0.970	0.60	3 230.4	1974	1996	TCPL PRODUCTION DECLINE
4.24	0.227	0.55	8 700	36	0.854	0.61	1 014.5	1985	1997	PAWTUCK WASCANA
9.07	0.240	0.55	7 600	36	0.868	0.62	936.8	1995	1997	
3.29	0.262	0.65	9 960	35	0.853	0.58	1 039.3	1985	1996	WASCANA CANST
3.35	0.249	0.65	10 100	29	0.842	0.58	996.1	1980	1997	HUSKY PROGAS
2.96	0.297	0.70	7 530	36	0.884	0.58	926.5	1951	1995	TCPL RENENER CANST PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10⁶m³	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10⁶m³	5 NET CUMULATIVE PRODUCTION 10⁶m³	6 REMAINING ESTABLISHED RESERVES 10⁶m³	7 GROSS HEAT VALUE MJ/m³	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
SUTTON 091-03W6									
GETH 092-03	701	0.80	0.05	533		533	37	19 977	2 162
DEBOLT A	838	0.80	0.05	637	461	176	36	6 419	3 167
OTHER	152			94	41	53		1 943	
TOTAL-SUTTON	1 691			1 264	502	762		28 339	
SWALWELL 029-24W4									
VIKING A	1 100	0.80	0.10	792	750	42	39	1 640	4 658
PEKISKO A SOLN	120	0.65	0.10	70[b]			39		
PEKISKO A ASSOC	609	0.75	0.10	411[b]	334[b]	147	39	5 667	1 910
OTHER	2 735			1 640	654	986		36 687	
TOTAL-SWALWELL	4 564			2 913	1 738	1 175		43 994	
SWAN HILLS 068-10W5									
BEAVERHILL LAKE C SOLN	7 854	0.34	0.45	1 469	605	864	41	35 338	
BEAVERHILL LAKE A ASSOC		0.70	0.35				42		
BEAVERHILL LAKE A SOLN	29 060	0.39	0.35	7 366[b]			42		
BEAVERHILL LAKE A&B TOTAL	29 060	0.40	0.35	7 366[b]	7 334[b]	32	42	1 354	
TOTAL-SWAN HILLS	36 914			8 835	7 939	896		36 692	
SWAN HILLS SOUTH 065-10W5									
BEAVERHILL LAKE A ASSOC		0.65	0.25				44		
BEAVERHILL LAKE A SOLN	24 309	0.47	0.35	7 426[b]			44		
BEAVERHILL LAKE A&B TOTAL	24 309	0.45	0.35	7 426[b]	4 996[b]	2 430	44	106 070	
OTHER	111			75		75		2 912	
TOTAL-SWAN HILLS SOUTH	24 420			7 501	4 996	2 505		108 982	
SWEETGRASS 001-15W4									
TOTAL-SWEETGRASS	24			16	16				
SWIMMING 052-06W4									
TOTAL-SWIMMING	624			404	243	161		5 900	
SYLVAN LAKE 037-03W5									
VIKING A ASSOC	233	0.70	0.10	147[b]			40		200
VIKING A SOLN	288	0.65	0.15	159[b]			40		
VIKING A, O &S TOTAL	521	0.65	0.15	306[b]	297[b]	9	40	362	
GLAUCONITIC A		0.85	0.10				40		5 116
LOWER MANNVILLE D	405	0.85	0.10	310			40		354
LOWER MANNVILLE O		0.85	0.10				40		200
SHUNDA A		0.85	0.10				40		242
GLC A,L MN D,O&SHUN A TOTAL	9 412	0.85	0.10	7 088	6 673	415	40	16 484	
GLAUCONITIC I		0.75	0.10				40		150
LOWER MANNVILLE X		0.75	0.10				40		300
LOWER MANNVILLE DD		0.75	0.10				40		4 480
BASAL QUARTZ A SOLN	54	0.65	0.40	21			40		
GLAUC & LMANN MU#1 TOTAL	1 150	0.80	0.10	810	638	172	40	6 828	
LOWER MANNVILLE A	1 715	0.85	0.15	1 239	1 111	128	41	5 238	1 030
LOWER MANNVILLE H	779	0.85	0.10	596	385	211	39	8 326	581
LOWER MANNVILLE M	432	0.85	0.10	330	149	181	39	7 139	393
OSTRACOD J	47	0.75	0.10	32			40		602
OSTRACOD K	1 066	0.80	0.10	768			40		4 359
OSTRACOD N	353	0.85	0.10	270			40		400
OSTRACOD O	16	0.75	0.10	11			40		128
LOWER MANNVILLE BB	292	0.75	0.10	197			40		612
OST JKNO &LMANN BB TOTAL	1 774	0.80	0.10	1 278	566	712	40	28 416	
JURASSIC A ASSOC	379	0.90	0.10	307[b]			39		440
JURASSIC A SOLN	432	0.65	0.15	239[b]			39		
JURASSIC A ASSOC	3	0.90	0.10	3[b]			39		12
JURASSIC A ASSOC	94	0.70	0.10	59[b]			39		158
JURASSIC A	101	0.70	0.15	60[b]			41		200
JURASSIC A ASSOC	10	0.90	0.10	8[b]			39		40
JURASSIC A ASSOC	41	0.90	0.10	33[b]			39		51
JURASSIC A ASSOC	15	0.75	0.10	10[b]			39		34

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
5.73	0.215	0.45	5 640	30	0.905	0.56	771.8	1972	1997	AMOCO PANALTA NORCEN POCO
1.80	0.170	0.65	5 270	27	0.908	0.58	756.1	1972	1995	PRODUCTION DECLINE
1.92	0.146	0.55	8 160	54	0.865	0.66	1 396.6	1963	1997	TCPL NORCEN TALISMA PRODUCTION DECLINE
						0.71		1963	1996	AMOCO TCPL NORCEN POCO TALISMA CONCURRENT PRODUCTION
5.86	0.074	0.70	10 260	59	0.837	0.71	1 636.7	1963	1996	AMOCO TCPL NORCEN POCO TALISMA CONCURRENT PRODUCTION
						0.83		1958	1997	CRESTAR CHAUVCO AMOCO CWNGNUL PANALTA NORCEN TALISMA DEEP CUT SL
						0.94		1957	1993	MU-BVHL LK A&B, GPP, DEEP CUT SL
						0.94		1957	1993	MU-BVHL LK A&B, GPP, DEEP CUT SL
								1957	1993	CHAUVCO AMOCO CWNGNUL NORCEN PANALTA GARDNER TALISMA GPP, DEEP CUT SL
						0.88		1959	1995	MU-BVHL LK A&B, DRY GAS BREAKTHRU, GPP
						0.88		1959	1995	MU-BVHL LK A&B, DRY GAS BREAKTHRU, GPP
								1959	1995	AMOCO CWNGNUL GAS BREAKTHRU, GPP
0.76	0.110	0.65	15 170	69	0.805	0.73	1 909.7	1962	1996	PRODUCTION DECLINE SOLN MU-VIK A,O&S, CONC PROD
						0.73		1962	1996	PRODUCTION DECLINE SOLN MU-VIK A,O&S, CONC PROD
								1962	1994	TCPL PANCDN BLUERGE DIRECT CHEVRON CONCURRENT PRODUCTION
9.14	0.127	0.75	16 780	70	0.819	0.72	2 117.7	1953	1995	MATERIAL BALANCE
4.24	0.130	0.70	16 660	75	0.819	0.74	2 119.2	1960	1995	MATERIAL BALANCE
3.66	0.120	0.75	16 500	64	0.805	0.71	2 119.3	1976	1995	MATERIAL BALANCE
3.19	0.090	0.75	16 780	70	0.819	0.71	2 092.4	1953	1995	MATERIAL BALANCE
								1953	1995	DIRECT TCPL BLUERGE
0.50	0.095	0.65	17 130	75	0.825	0.73	2 369.8	1988	1995	MATERIAL BALANCE
1.65	0.105	0.75	17 150	73	0.820	0.73	2 419.4	1987	1995	MATERIAL BALANCE
3.29	0.128	0.80	20 340	71	0.845	0.68	2 402.9	1963	1995	MATERIAL BALANCE
						0.70		1963	1995	GPP
								1963	1995	AMOCO APACHE PANALTA PANCDN PROGAS TCPL GPP
4.93	0.122	0.75	16 970	70	0.817	0.73	2 172.6	1962	1997	TCPL PRODUCTION DECLINE
7.08	0.129	0.90	16 830	75	0.843	0.69	2 113.0	1973	1997	TCPL
5.86	0.152	0.75	16 690	75	0.828	0.72	2 130.8	1970	1997	TCPL DIRECT
0.53	0.107	0.65	21 980	74	0.846	0.71	2 346.5	1969	1989	SLUSH OIL
1.63	0.118	0.70	18 600	79	0.827	0.74	2 355.0	1969	1997	
4.40	0.143	0.80	18 680	80	0.859	0.67	2 386.4	1980	1997	
0.60	0.150	0.70	20 530	79	0.847	0.71	2 332.3	1972	1996	
3.53	0.104	0.70	19 420	81	0.839	0.73	2 420.6	1980	1997	
								1969	1990	AMOCO ENGAGE IOL TCPL NORCEN APACHE PANALTA PROGAS CRESTAR
4.53	0.149	0.75	17 230	71	0.838	0.69	2 262.9	1962	1992	CONCURRENT PRODUCTION
						0.69		1962	1992	CONCURRENT PRODUCTION
1.42	0.120	0.70	18 590	71	0.840	0.69	2 291.7	1962	1997	
3.64	0.120	0.80	17 840	77	0.850	0.69	2 229.7	1962	1995	
3.70	0.130	0.65	16 000	71	0.822	0.73	2 297.9	1962	1997	ASSIGNED WELL 00/16-13-37-4W5
3.48	0.110	0.80	8 360	71	0.882	0.69	2 267.6	1962	1997	
4.39	0.160	0.70	16 600	71	0.837	0.69	2 266.5	1962	1997	
2.50	0.140	0.75	17 670	77	0.833	0.73	2 216.3	1962	1996	

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10⁶m³	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10⁶m³	5 NET CUMULATIVE PRODUCTION 10⁶m³	6 REMAINING ESTABLISHED RESERVES 10⁶m³	7 GROSS HEAT VALUE MJ/m³	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
SYLVAN LAKE 037-03W5 (CONTINUED)									
JURASSIC A ASSOC	104	0.75	0.10	70^b			39		100
JURASSIC A ASSOC	35	0.70	0.10	23^b			39		64
JURASSIC A TOTAL	1 214	0.75	0.10	812^b	484^b	328	39	12 779	
JURASSIC HH	1 306	0.85	0.10	999	995	4	40	159	364
ELKTON - SHUNDA A	1 875	0.80	0.10	1 350	1 311	39	40	1 542	1 717
ELKTON - SHUNDA D ASSOC	136	0.75	0.20	82^b			44		25
ELKTON - SHUNDA D SOLN	1 258	0.65	0.20	654^b			44		
ELKTON - SHUNDA D ASSOC	36	0.70	0.20	20^b			44		50
ELKTON - SHUNDA D ASSOC	37	0.75	0.20	22^b			44		25
ELKTON - SHUNDA D TOTAL	1 467	0.65	0.20	778^b	672^b	106	44	4 613	
ELKTON-SHUNDA M	454	0.85	0.10	347		347	40	13 772	200
ELKTON - SHUNDA B		0.87	0.10				40		983
PEKISKO N ASSOC		0.85	0.10				40		934
ELTN-SHUN B & PEK N TOTAL	3 012	0.85	0.10	2 304	2 183	121	40	4 836	
SHUNDA B	589	0.90	0.10	477	8	469	39	18 474	785
PEKISKO FF ASSOC	434	0.85	0.15	314^b	36^b	278	41	11 495	150
PEKISKO B ASSOC		0.90	0.10				38		755
PEKISKO B SOLN	933	0.36	0.58	141^b			38		
PEKISKO B ASSOC		0.70	0.10				38		17
PEKISKO B TOTAL	1 579	0.60	0.30	659^b	645^b	14	38	538	
D-3 A SOLN	215	0.20	0.35	28^b			39		
D-3 A ASSOC	1 132	0.50	0.11	504^b	388^b	144	39	5 622	765
OTHER	14 228			8 745	2 961	5 784		231 079	
TOTAL-SYLVAN LAKE	43 288			28 964	19 502	9 462		377 702	
TABER 009-17W4									
TOTAL-TABER	716			442	207	235		8 646	
TABER NORTH 011-16W4									
TOTAL-TABER NORTH	857			188	73	115		4 410	
TABER SOUTH 007-16W4									
TOTAL-TABER SOUTH	1 303			800	540	260		9 252	
TABER SOUTHEAST 008-15W4									
TOTAL-TABER SOUTHEAST	10			5		5		195	
TALBOT LAKE 096-10W5									
TOTAL-TALBOT LAKE	857			464	223	241		8 857	
TANGENT 080-24W5									
PEACE RIVER A	685	0.60	0.05	390	359	31	37	1 161	2 671
OTHER	2 172			1 407	688	719		27 254	
TOTAL-TANGENT	2 857			1 797	1 047	750		28 415	
TANGHE (SA) 102-10W6									
TOTAL-TANGHE	69			43		43		1 565	
TAR (SA) 099-14W4									
TOTAL-TAR	55			32		32		1 181	
TAWATINAW 062-22W4									
TOTAL-TAWATINAW	83			28	27	1		38	
TEEPEE 073-03W6									
WABAMUN C	2 541	0.17	0.15	367	362	5	36	182	1 276
OTHER	567			391	301	90		3 287	
TOTAL-TEEPEE	3 108			758	663	95		3 469	
TELFORDVILLE (SA) 050-02W5									
TOTAL-TELFORDVILLE	191			129	32	97		3 789	
TEMPLETON 001-12W4									
TOTAL-TEMPLETON	136			97	1	96		3 532	
THERIEN 060-08W4									
UPPER MANNVILLE F	641	0.75	0.05	457	274	183	37	6 786	1 961
OTHER	1 994			1 083	522	561		20 795	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
3.50	0.210	0.80	18 210	78	0.833	0.74	2 260.6	1962	1995	ASSIGNED WELL 00/12-17-37-3W5M
3.44	0.130	0.70	17 650	71	0.838	0.69	2 214.7	1962	1996	
								1962	1997	GULF TCPL CONCURRENT PRODUCTION
6.01	0.111	0.75	17 000	70	0.823	0.71	2 175.6	1953	1995	TCPL PRODUCTION DECLINE
4.98	0.095	0.70	16 890	70	0.820	0.72	2 173.0	1955	1997	TCPL PRODUCTION DECLINE
3.90	0.220	0.90	18 310	78	0.788	0.81	2 268.6	1962	1997	PRODUCTION DECLINE CONING G CAP. AS WELL 16-24-37-4W5,GPP
						0.81		1962	1997	PRODUCTION DECLINE CONING G CAP. AS WELL 16-24-37-4W5,GPP
3.85	0.131	0.80	17 440	78	0.786	0.81	2 279.5	1962	1997	
8.80	0.100	0.85	18 480	70	0.770	0.81	2 283.1	1962	1997	ASSIGNED WELL 16-24-037-04W5M
								1962	1997	PROGAS TCPL CONING GAS CAP, GPP
8.90	0.180	0.85	16 490	71	0.817	0.73	2 183.0	1997	1997	
12.59	0.135	0.75	17 030	71	0.817	0.73	2 146.4	1973	1996	PRODUCTION DECLINE
11.42	0.073	0.70	17 070	71	0.807	0.75	2 189.9	1972	1996	PRODUCTION DECLINE
								1972	1996	CRESTAR TCPL
6.62	0.092	0.75	16 890	77	0.835	0.72	2 190.8	1953	1997	TCPL
17.75	0.105	0.85	18 940	79	0.837	0.74	2 304.6	1995	1997	TP/BS TVD,CONC PROD PENDING
5.47	0.114	0.60	16 960	77	0.845	0.72	2 211.5	1953	1997	PRODUCTION DECLINE CONCURRENT PRODUCTION
						0.72		1953	1997	PRODUCTION DECLINE CONCURRENT PRODUCTION
5.41	0.090	0.85	17 420	77	0.845	0.72	2 196.5	1953	1997	PRODUCTION DECLINE CONCURRENT PRODUCTION
								1953	1997	TCPL GULF CONCURRENT PRODUCTION
						0.80		1961	1996	TCPL CONC PROD, OIL DEPLETED
11.54	0.073	0.85	23 920	99	0.885	0.80	2 863.3	1961	1996	TCPL CONC PROD, OIL DEPLETED
4.29	0.301	0.75	1 470	18	0.971	0.56	354.5	1951	1996	PANALTA PROGAS PRODUCTION DECLINE
16.50	0.058	0.80	29 510	85	0.966	0.66	2 765.0	1972	1996	TCPL PRODUCTION DECLINE
5.55	0.300	0.65	2 690	21	0.949	0.56	365.2	1976	1993	SASKEN CNWE CWNGNUL PANALTA PROGAS POCO WAINOCO

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m³	REMAINING ENERGY CONTENT TJ	ha
THERIEN 060-08W4 (CONTINUED)									
TOTAL-THERIEN	2 635			1 540	796	744		27 581	
THORHILD 060-21W4									
SECOND WHITE SPECKS A	563	0.80	0.05	428	388	40	37	1 474	10 723
OTHER	3 622			2 282	995	1 287		48 054	
TOTAL-THORHILD	4 185			2 710	1 383	1 327		49 528	
THORNBURY 078-13W4									
MCMURRAY G	960	0.70	0.05	638	517	121	37	4 513	1 246
MCMURRAY I	1 053	0.80	0.05	800	598	202	37	7 444	1 648
MCMURRAY M	902	0.65	0.05	557	444	113	37	4 205	613
MCMURRAY YY	595	0.55	0.05	311			37		4 122
MCMURRAY KKK	13	0.55	0.05	7			37		400
MCMURRAY YY & KKK TOTAL	608	0.55	0.05	318	151	167	37	6 209	
OTHER	8 040			4 402	2 535	1 867		67 632	
TOTAL-THORNBURY	11 563			6 715	4 245	2 470		90 003	
THORSBY 049-01W5									
GLAUCONITIC A SOLN	358	0.20	0.15	61[b]			41		
GLAUCONITIC A ASSOC	556	0.85	0.10	426[b]	291[b]	196	41	7 981	860
GLAUCONITIC H	925	0.85	0.10	707	440	267	40	10 792	1 327
GLAUCONITIC I	463	0.85	0.10	355	307	48	41	1 952	401
OTHER	2 053			1 347	828	519		20 501	
TOTAL-THORSBY	4 355			2 896	1 866	1 030		41 226	
THREE HILLS CREEK 035-25W4									
ELLERSLIE C	400	0.85	0.10	306	270	36	40	1 434	898
ELLERSLIE D	1 328	0.65	0.10	777	697	80	40	3 186	5 140
PEKISKO ASSOC	5 434	0.70	0.08	3 500[b]	2 972[b]	528	39	20 777	11 980
OTHER	5 339			3 358	1 151	2 207		83 100	
TOTAL-THREE HILLS CREEK	12 501			7 941	5 090	2 851		108 497	
THUNDER 060-06W5									
TOTAL-THUNDER	373			249	47	202		7 774	
TIMEU 063-03W5									
TOTAL-TIMEU	219			139	10	129		5 028	
TINDASTOLL 036-01W5									
TOTAL-TINDASTOLL	605			367	87	280		11 018	
TOFIELD 050-19W4									
TOTAL-TOFIELD	62			38	35	3		98	
TOMAHAWK 052-05W5									
OSTRACOD C SOLN	25	0.65	0.10	14[b]			39		
OSTRACOD C ASSOC	411	0.85	0.10	314[b]	312[b]	16	39	628	405
OTHER	778			432	122	310		12 045	
TOTAL-TOMAHAWK	1 214			760	434	326		12 673	
TOMATO 072-23W4									
TOTAL-TOMATO	1 274			793	565	228		7 245	
TONY CREEK NORTH 064-21W5									
TOTAL-TONY CREEK NORTH	684			468	180	288		11 313	
TRACY (SA) 095-12W5									
TOTAL-TRACY	82			47		47		1 770	
TROCHU 033-21W4									
TOTAL-TROCHU	1 040			662	432	230		8 614	
TROUT 090-03W5									
TOTAL-TROUT	234			122	23	99		3 702	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
1.15	0.207	0.50	3 800	23	0.930	0.57	480.0	1963	1996	AMOCO TARRAGN IOL TCPL PANALTA POCO CANOR PRODUCTION DECLINE
8.16	0.327	0.70	1 910	25	0.965	0.56	468.7	1983	1994	DUKE PRODUCTION DECLINE
8.05	0.327	0.90	1 900	15	0.961	0.57	474.2	1984	1989	DUKE MATERIAL BALANCE
6.17	0.321	0.90	1 900	20	0.963	0.56	461.0	1985	1997	DUKE CDNFRST PRODUCTION DECLINE
3.33	0.293	0.75	1 910	14	0.960	0.56	455.2	1989	1997	
1.30	0.250	0.55	1 860	18	0.963	0.56	429.9	1990	1991	
								1989	1997	QUEBEC CDNFRST
						0.69		1973	1997	AMOCO PANCDN TCPL POCO SCEPTRE RIFE TALISMA CONCURRENT PRODUCTION
5.91	0.123	0.70	12 810	72	0.831	0.69	1 478.0	1973	1997	AMOCO PANCDN TCPL POCO SCEPTRE RIFE TALISMA CONCURRENT PRODUCTION
6.54	0.135	0.65	11 630	61	0.815	0.70	1 389.2	1980	1996	IOL SUNCOR SCEPTRE
9.26	0.134	0.75	12 490	72	0.829	0.70	1 462.5	1985	1994	PROGAS PANCDN SUNCOR
2.46	0.161	0.70	13 870	64	0.826	0.68	1 805.9	1985	1996	PROGAS PARAMNT CDNFRST BLUERGE PRODUCTION DECLINE
1.83	0.169	0.75	11 310	63	0.825	0.71	1 764.6	1981	1997	PROGAS PANALTA CDNFRST CNRL BLUERGE PRODUCTION DECLINE
9.79	0.055	0.65	11 840	68	0.851	0.68	1 744.4	1953	1990	CRESTAR CDNFRST PROGAS TCPL MATERIAL BALANCE CONCURRENT PRODUCTION
						0.67		1989	1995	ENGAGE PRODUCTION DECLINE GPP
2.34	0.165	0.85	15 570	55	0.811	0.67	1 666.2	1989	1995	ENGAGE PRODUCTION DECLINE GPP

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	ha
TUCKER LAKE 064-05W4									
TOTAL-TUCKER LAKE	146			76	32	44		1 641	
TURIN 010-18W4									
TOTAL-TURIN	4 060			2 203	968	1 235		46 218	
TURNER VALLEY 018-02W5									
RUNDLE SOLN	38 429	0.55	0.56	9 300[b]			40		
RUNDLE ASSOC	43 247	0.85	0.68	11 763[b]	20 152[b]	911	40	36 868	10 463
RUNDLE C	959	0.85	0.10	734	324	410	39	16 187	200
OTHER	1 861			1 154	594	560		21 448	
TOTAL-TURNER VALLEY	84 496			22 951	21 070	1 881		74 503	
TWEEDIE 069-13W4									
VIKING B	795	0.65	0.05	491	450	41	37	1 509	7 201
GRAND RAPIDS D		0.70	0.05				37		6 979
GRAND RAPIDS D		0.70	0.05				37		200
GRAND RAPIDS D		0.60	0.05				37		200
GRAND RAPIDS D TOTAL	1 600	0.70	0.05	1 064	1 053	11	37	408	
GRAND RAPIDS H		0.80	0.05				37		1 008
GRAND RAPIDS I		0.80	0.05				37		200
GRAND RAPIDS X		0.80	0.05				37		200
MCMURRAY A		0.80	0.05				36		1 729
MCMURRAY H		0.80	0.05				37		1 611
MCMURRAY L		0.80	0.05				37		27 510
MCMURRAY T		0.80	0.05				37		200
GR H,I,X &MCM A,H,L&T TOTAL	4 281	0.80	0.05	3 254	3 086	168	37	6 198	
GROSMONT A	1 909	0.65	0.05	1 179	854	325	37	11 996	10 344
OTHER	3 121			1 743	1 070	673		25 010	
TOTAL-TWEEDIE	11 706			7 731	6 513	1 218		45 121	
TWINING 031-24W4									
LOWER MANNVILLE A ASSOC	418	0.85	0.10	320[b]			40		1 714
RUNDLE A ASSOC	7 793	0.75	0.10	5 261[b]			40		26 299
RUNDLE A SOLN	7 783	0.65	0.15	4 300[b]			40		
RUNDLE A ASSOC	1 399	0.75	0.10	944[b]			40		2 334
RUNDLE A	404	0.85	0.10	309[b]			40		400
RUNDLE A ASSOC	72	0.70	0.10	45[b]			40		200
L MANN A & RUNDLE A TOTAL	17 869	0.70	0.10	11 179[b]	6 618[b]	4 561	40	181 938	
OTHER	5 923			3 481	1 899	1 582		61 269	
TOTAL-TWINING	23 792			14 660	8 517	6 143		243 207	
TWO CREEK 063-16W5									
VIKING A	570	0.80	0.10	410	330	80	39	3 082	1 773
NOTIKEWIN A	819	0.80	0.10	590	212	378	39	14 814	500
OTHER	1 404			950	214	736		28 854	
TOTAL-TWO CREEK	2 793			1 950	756	1 194		46 750	
UKALTA 057-17W4									
UPPER MANNVILLE D	386	0.75	0.05	276			38		1 721
COLONY P	50	0.75	0.05	36			38		150
U MANN D & COLONY P TOTAL	436	0.75	0.05	312	26	286	38	10 771	
WABAMUN-GRAMINIA A	943	0.70	0.05	627	589	38	37	1 412	2 833
OTHER	3 557			2 193	1 186	1 007		37 519	
TOTAL-UKALTA	4 936			3 132	1 801	1 331		49 702	
UNWIN 045-02W4									
TOTAL-UNWIN	211			141		141		5 181	
UTIKUMA LAKE 081-10W5									
KEG RIVER A SOLN	1 300	0.64	0.25	624			36		
KEG RIVER A TOTAL	1 300	0.65	0.25	624	412	212	36	7 727	
OTHER	1 183			539	204	335		12 290	
TOTAL-UTIKUMA LAKE	2 483			1 163	616	547		20 017	
VALHALLA 075-10W6									
DOE CREEK A	3 948	0.80	0.05	3 000			40		23 776
DOE CREEK P	16	0.65	0.05	10			35		200

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
						0.80		1917	1994	CHEL AMOCO PANALTA NORCEN PANCDN PRODUCTION DECLINE DEEP CUT SL. GPP
46.00	0.060	0.75	15 700	55	0.751	0.80	1 480.6	1917	1994	CHEL AMOCO PANALTA NORCEN PANCDN PRODUCTION DECLINE DEEP CUT SL. GPP
28.90	0.080	0.85	29 250	83	0.958	0.62	3 350.1	1983	1994	TCPL TOP/BASE TVD
1.10	0.242	0.60	2 360	12	0.951	0.56	232.9	1949	1996	TCPL MATERIAL BALANCE
2.25	0.318	0.60	2 220	19	0.955	0.57	281.3	1961	1995	PRODUCTION DECLINE
1.83	0.300	0.50	1 990	14	0.959	0.56	302.2	1961	1995	PRODUCTION DECLINE ASSIGNED WELL 11-14-68-13W4M
1.20	0.300	0.60	1 800	13	0.963	0.56	268.5	1961	1995	PRODUCTION DECLINE ASSIGNED WELL 7-13-69-14W4
								1961	1995	TCPL
1.61	0.309	0.60	2 300	15	0.953	0.56	319.6	1970	1994	PRODUCTION DECLINE
2.44	0.300	0.65	2 070	15	0.958	0.56	315.8	1971	1994	PRODUCTION DECLINE
2.70	0.300	0.65	2 030	14	0.958	0.56	309.6	1975	1994	PRODUCTION DECLINE
1.92	0.261	0.55	2 380	22	0.956	0.58	464.3	1970	1994	PRODUCTION DECLINE
2.22	0.259	0.45	2 720	24	0.950	0.57	430.4	1961	1994	PRODUCTION DECLINE
2.32	0.251	0.55	2 440	22	0.954	0.56	443.6	1952	1994	PRODUCTION DECLINE NONCOMMERCIAL OIL
3.70	0.270	0.70	2 980	20	0.943	0.56	477.7	1971	1994	PRODUCTION DECLINE
								1952	1994	TCPL PROGAS RIOALTO AMOCO
7.88	0.110	0.40	2 480	19	0.951	0.57	471.3	1961	1997	TCPL MATERIAL BALANCE
1.65	0.160	0.80	11 260	60	0.833	0.67	1 625.9	1962	1997	
7.60	0.058	0.60	11 410	63	0.841	0.67	1 626.3	1952	1988	CONCURRENT PRODUCTION
						0.67		1952	1988	CONCURRENT PRODUCTION
10.00	0.077	0.75	10 310	63	0.841	0.69	1 651.7	1952	1995	
10.00	0.109	0.80	11 460	65	0.832	0.69	1 695.1	1960	1995	
4.80	0.080	0.70	12 920	62	0.823	0.68	1 714.9	1988	1996	
								1952	1995	WEBEX CAN88 CANST NORCEN PANCDN PROGAS TCPL GARDNER TALISMA CONCURRENT PRODUCTION
2.01	0.171	0.60	9 570	59	0.864	0.65	1 492.6	1992	1995	PARAMNT PRODUCTION DECLINE
15.85	0.170	0.60	10 280	61	0.864	0.64	1 703.5	1994	1996	
2.90	0.288	0.60	4 340	27	0.920	0.57	660.4	1979	1981	
3.20	0.300	0.70	4 740	25	0.903	0.61	602.6	1980	1994	
								1979	1995	TCPL PANCDN NORCEN
10.00	0.290	0.40	4 140	26	0.926	0.56	656.2	1968	1985	PANCDN PRODUCTION DECLINE
						0.84		1963	1997	
								1963	1997	TCPL POCO CHAUVCO AMOCO
2.42	0.214	0.65	4 280	27	0.880	0.72	697.6	1955	1994	MATERIAL BALANCE SLUSH OIL
1.20	0.220	0.70	4 180	27	0.926	0.61	681.3	1980	1994	

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m^3	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
VALHALLA 075-10W6 (CONTINUED)									
DOE CREEK A & P TOTAL	3 964	0.80	0.05	3 010	2 854	156	40	6 190	
PADDY C	1 067	0.70	0.05	710	671	39	38	1 480	1 070
BLUESKY C	1 425	0.85	0.05	1 150	1 047	103	39	4 040	2 931
BLUESKY F	1 008	0.65	0.05	622	439	183	39	7 163	1 963
BLUESKY J	504	0.85	0.10	385	363	22	39	858	1 057
BLUESKY K	659	0.85	0.10	504	270	234	39	9 213	917
HALFWAY C SOLN	275	0.65	0.45	98[b]			41		
HALFWAY C ASSOC	449	0.85	0.15	325[b]	347[b]	76	41	3 146	481
HALFWAY B	6 331	c	c	4 572	694	3 878	40[a]	155 120	7 284
HALFWAY N	1 042	0.75	0.10	704		704	39	27 379	1 762
DOIG B SOLN	615	0.65	0.10	360	255	105	41	4 305	
MONTNEY B SOLN	584	0.65	0.10	342	31	311	39	12 113	
MONTNEY C SOLN	833	0.65	0.15	460	70	390	43	16 661	
MONTNEY L	2 002	0.80	0.10	1 442	235	1 207	37	45 202	2 469
OTHER	14 862			9 164	3 089	6 075		238 041	
TOTAL-VALHALLA	35 620			23 848	10 365	13 483		530 911	
VAUXHALL 012-17W4									
UPPER MANNVILLE B ASSOC	471	0.85	0.15	340	232	108	38	4 074	300
OTHER	459			306	118	188		6 836	
TOTAL-VAUXHALL	930			646	350	296		10 910	
VEGA 061-03W5									
TOTAL-VEGA	163			103	6	97		3 734	
VENTRE 009-04W4									
TOTAL-VENTRE	43			29	6	23		820	
VENUS 101-09W6									
DEBOLT A	770	0.70	0.05	512	470	42	37	1 534	5 060
TOTAL-VENUS	770			512	470	42		1 534	
VERGER 022-15W4									
MILK RIVER A	6 977	0.70	0.05	4 640			36		73 341
MEDICINE HAT A	7 866	0.70	0.03	5 341			36		65 589
BELLY RIVER D	7	0.50	0.05	4			37		64
MEDICINE HAT C	276	0.50	0.03	134			36		9 851
MEDICINE HAT D	442	0.50	0.03	214			36		13 495
SECOND WHITE SPECKS A	3 937	0.75	0.05	2 805			36		32 636
SE ALTA GAS SYS(MU) TOTAL	19 505	0.70	0.05	13 138	5 986	7 152	36	260 833	
BOW ISLAND G	419	0.85	0.05	338	79	259	37	9 599	1 145
BASAL COLORADO A	576	0.85	0.05	466	438	28	37	1 040	2 866
MANNVILLE D ASSOC	428	0.75	0.05	305[b]	28[b]	277	38	10 457	886
OTHER	1 823			1 217	562	655		24 480	
TOTAL-VERGER	22 751			15 464	7 093	8 371		306 409	
VERMILION 050-05W4									
TOTAL-VERMILION	494			316	161	155		5 502	
VIKING-KINSELLA 047-10W4									
UPPER&MIDDLE VIKING A		0.85	0.03				36		198 511
UPPER MANNVILLE YY		0.85	0.03				37		1 667
UPPER MANNVILLE LLL	14	0.70	0.05	10			37		150
UPPER MANNVILLE MMM	1 024	0.75	0.05	730			37		3 348
UPPER MANNVILLE ZZZ	116	0.70	0.05	77			37		150
UPPER MANNVILLE M2M	99	0.65	0.05	61			37		300
COLONY G2G	18	0.70	0.05	12			37		150
GLAUCONITIC J	268	0.75	0.05	191			38		468
VIKING & MANN MU#1 TOTAL	35 322	0.85	0.05	29 045	20 934	8 111	37	297 430	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
								1955	1994	ENGAGE CANST CWNGNUL AMOCO IOL PANALTA PROGAS TCPL PCOG CRESTAR ULSTER
1.98	0.206	0.65	5 990	52	0.915	0.60	1 113.1	1982	1995	IOL PANALTA CGGS ULSTER PRODUCTION DECLINE
3.54	0.133	0.60	11 640	59	0.851	0.64	1 586.3	1976	1996	IOL PANALTA ENGAGE PRODUCTION DECLINE
2.99	0.139	0.60	11 740	61	0.854	0.64	1 421.5	1982	1997	TARRAGN AEL CRESTAR PRODUCTION DECLINE
3.27	0.146	0.55	11 740	61	0.841	0.67	1 457.7	1988	1995	CRESTAR PRODUCTION DECLINE
4.40	0.135	0.55	11 550	68	0.858	0.65	1 594.3	1987	1997	PANALTA PRODUCTION DECLINE
						0.84		1980	1997	CANST PCOG PROGAS TCPL CONCURRENT PRODUCTION
3.05	0.182	0.85	19 210	80	0.783	0.84	1 968.8	1980	1997	CANST PCOG PROGAS TCPL CONCURRENT PRODUCTION
3.97	0.141	0.85	21 090	73	0.779	0.85	2 024.2	1978	1992	PROGAS TCPL PANALTA IOL AMOCO AEC ENGAGE
										PART OF HALFWAY POOL NO.1 GAS CYCLING, NONCOMMERCIAL OIL
4.94	0.085	0.70	21 700	75	0.881	0.65	2 146.9	1973	1996	
						0.71		1984	1997	NORCEN AEC PANALTA CRESTAR DEEP CUT SL GPP
						0.66		1993	1997	
						0.67		1993	1997	
5.37	0.103	0.85	18 810	77	0.886	0.65	2 159.2	1993	1996	
10.03	0.224	0.70	11 360	31	0.792	0.70	1 060.4	1979	1997	PROGAS ENGAGE CRESTAR PRODUCTION DECLINE ASSOC PRODUCTION DEPL
3.94	0.141	0.35	5 590	47	0.922	0.59	889.9	1981	1994	POCO CHEVRON PRODUCTION DECLINE
5.76	0.154	0.55	3 140	16	0.938	0.56	406.9	1910	1987	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
2.78	0.170	0.55	4 310	17	0.916	0.57	496.7	1904	1993	PART OF MED HAT POOL NO.1
8.50	0.140	0.50	1 810	13	0.962	0.57	269.7	1994	1994	
0.71	0.139	0.60	4 450	19	0.916	0.56	484.5	1973	1988	PART OF MED HAT POOL NO.3
0.83	0.139	0.60	4 450	19	0.916	0.57	516.3	1973	1993	PART OF MED HAT POOL NO.4
1.56	0.216	0.60	5 690	27	0.904	0.57	684.6	1944	1993	PART OF 2WS POOL NO.1
								1904	1994	SCEPTRE TCPL PANALTA IOL PANCDN NORCEN POCO CRESTAR
4.80	0.158	0.65	6 940	31	0.875	0.62	891.6	1978	1995	PANALTA PANCDN TCPL
0.85	0.181	0.55	8 450	36	0.867	0.60	946.6	1959	1986	PANALTA PANCDN PRODUCTION DECLINE
3.68	0.191	0.60	10 410	35	0.839	0.60	1 048.4	1970	1993	AMOCO NORCEN PANCDN CRESTAR CONCURRENT PRODUCTION, OIL DEPLETED
1.32	0.199	0.50	5 580	24	0.894	0.61	631.7	1917	1984	PART OF VIK POOL NO.2 MATERIAL BALANCE NONCOMMERCIAL OIL
1.80	0.340	0.55	5 580	27	0.898	0.59	700.0	1965	1982	PART OF VIK POOL NO.2 MATERIAL BALANCE
3.30	0.300	0.65	5 910	32	0.900	0.59	816.3	1978	1994	PART OF VIK POOL NO.2 PRODUCTION DECLINE
2.97	0.299	0.60	5 470	29	0.897	0.59	759.7	1949	1992	PART OF VIK POOL NO.2
8.00	0.290	0.55	5 850	31	0.900	0.57	803.1	1986	1996	PART OF VIK POOL NO.2
3.05	0.315	0.60	5 520	30	0.905	0.59	773.3	1986	1997	PART OF VIK POOL NO.2
1.24	0.340	0.55	4 980	24	0.897	0.59	713.9	1965	1988	PART OF VIK POOL NO.2
1.28	0.305	0.70	5 800	32	0.898	0.57	822.5	1977	1994	PART OF VIK POOL NO.2 PRODUCTION DECLINE
								1917	1995	ENGAGE AMOCO TARRAGN TCPL CWNGNUL PANALTA SCEPTRE PANCDN NORCEN POCO PART OF VIK POOL NO.2

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE $10^6 m^3$	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES $10^6 m^3$	NET CUMULATIVE PRODUCTION $10^6 m^3$	REMAINING ESTABLISHED RESERVES $10^6 m^3$	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	ha
VIKING-KINSELLA 047-10W4 (CONTINUED)									
UPPER MANNVILLE D	608	0.70	0.05	405	375	30	37	1 095	712
UPPER MANNVILLE EE	1 220	0.80	0.05	927	879	48	36	1 730	587
UPPER MANNVILLE JJ	399	0.80	0.05	303	258	45	38	1 724	2 361
UPPER MANNVILLE NNN	507	0.75	0.05	361	323	38	37	1 420	966
COLONY SSS	612	0.70	0.05	407	353	54	36	1 957	160
COLONY NN	922	0.85	0.05	745			36		4 573
COLONY NN	17	0.65	0.05	10			39		150
COLONY NN	13	0.65	0.05	8			36		150
SPARKY Q	85	0.65	0.05	52			35		300
COLONY NN & SPARKY Q TOTAL	1 037	0.85	0.05	815	793	22	36	795	
WAINWRIGHT	694	0.80	0.05	527	463	64	37	2 354	1 710
GLAUCONITIC R	456	0.80	0.05	347	318	29	37	1 061	1 083
LOWER MANNVILLE EE	422	0.75	0.05	301	146	155	37	5 737	482
WABAMUN C	883	0.70	0.05	587	552	35	37	1 298	1 740
D-2 D	1 354	0.70	0.05	901	788	113	37	4 232	2 902
OTHER	15 961			9 822	6 378	3 444		126 327	
TOTAL-VIKING-KINSELLA	59 475			44 748	32 560	12 188		447 160	
VIRGINIA HILLS 064-13W5									
BELLOY A SOLN	676	0.50	0.25	254[b]			39		
BELLOY A ASSOC	1 870	0.80	0.15	1 272[b]	1 210[b]	316	39	12 397	2 303
BEAVERHILL LAKE ASSOC		0.60	0.20				43		
BEAVERHILL LAKE SOLN	8 600	0.39	0.28	2 415[b]			43		
BEAVERHILL LAKE TOTAL	8 600	0.40	0.30	2 415[b]	1 239[b]	1 176	43	50 756	
OTHER	180			121	13	108		4 248	
TOTAL-VIRGINIA HILLS	11 326			4 062	2 462	1 600		67 401	
VIRGO 115-06W6									
TOTAL-VIRGO	4 837			2 360	615	1 745		68 739	
VULCAN 016-24W4									
TURNER VALLEY C	640	0.60	0.20	307	248	59	38	2 269	1 570
OTHER	1 028			675	341	334		12 933	
TOTAL-VULCAN	1 668			982	589	393		15 202	
WABASCA (SA) 085-25W4									
TOTAL-WABASCA	8			4		4		148	
WAINWRIGHT 045-06W4									
VIKING	2 696	0.50	0.05	1 281[b]			37		35 317
COLONY G	73	0.75	0.05	52[b]			36		517
COLONY R	121	0.70	0.05	81[b]			35		970
COLONY R	56	0.75	0.05	40[b]			35		401
COLONY V ASSOC	3	0.70	0.05	2[b]			36		96
COLONY W ASSOC	1	0.70	0.05	1[b]			36		52
VIK & COL G.R.V.W&EE TOTAL	2 950	0.50	0.05	1 457[b]	784[b]	673	37	24 780	
SPARKY E	863	0.70	0.05	574	518	56	35	1 940	1 730
OTHER	6 286			3 343	2 174	1 169		41 749	
TOTAL-WAINWRIGHT	10 099			5 374	3 476	1 898		68 469	
WANYANDIE 060-27W5									
TOTAL-WANYANDIE	232			153		153		5 024	
WAPITI 067-10W6									
CARDIUM A SOLN	1 338	0.65	0.15	740			39		
CARDIUM A & B TOTAL	1 338	0.65	0.15	740	119	621	39	24 039	
CADOTTE A	1 167	0.85	0.10	893	802	91	39	3 549	2 112
CADOTTE B	199	0.80	0.15	135			39		200
CADOMIN A	6 204	0.70	0.15	3 692			38		22 391
CADOTTE B & CADOMIN A TOTAL	6 403	0.70	0.15	3 827	25	3 802	38	144 970	
NOTIKEWIN A	442	0.85	0.10	338	261	77	39	2 974	250
NOTIKEWIN D	800	0.85	0.15	578	543	35	38	1 346	400

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
2.78	0.300	0.60	4 920	27	0.913	0.59	739.4	1973	1997	TCPL CWNGNUL MATERIAL BALANCE
2.81	0.233	0.65	4 610	28	0.920	0.59	724.5	1955	1989	SCEPTRE TCPL CWNGNUL MATERIAL BALANCE
1.95	0.257	0.60	5 350	28	0.900	0.58	680.8	1972	1997	TCPL CWNGNUL NORCEN
1.97	0.249	0.50	5 560	27	0.901	0.57	766.4	1979	1996	TCPL CWNGNUL PRODUCTION DECLINE
11.58	0.280	0.90	4 250	24	0.924	0.58	593.7	1977	1994	CWNGNUL NORCEN MATERIAL BALANCE NONCOMMERCIAL OIL
2.19	0.287	0.60	3 980	27	0.930	0.59	592.9	1976	1993	PRODUCTION DECLINE
1.52	0.300	0.55	4 270	21	0.897	0.66	608.7	1976	1988	
0.93	0.290	0.70	4 190	21	0.919	0.58	611.0	1976	1988	
3.65	0.269	0.65	4 040	24	0.929	0.59	627.7	1989	1992	PRODUCTION DECLINE
								1976	1994	CWNGNUL HUSKY NORCEN PANALTA
4.08	0.267	0.65	5 220	28	0.909	0.58	699.6	1955	1995	TCPL CWNGNUL PRODUCTION DECLINE
1.24	0.263	0.60	5 970	32	0.902	0.58	806.5	1979	1996	TCPL PRODUCTION DECLINE
6.13	0.302	0.80	5 620	26	0.905	0.57	818.7	1995	1997	NONCOMMERCIAL OIL
4.12	0.164	0.75	5 250	33	0.913	0.58	812.7	1972	1996	TCPL CWNGNUL PRODUCTION DECLINE
4.38	0.117	0.65	4 670	29	0.918	0.57	733.5	1960	1990	TCPL CWNGNUL PRODUCTION DECLINE
						0.70		1961	1994	CWNGNUL SHELL MATERIAL BALANCE CONCURRENT PRODUCTION
3.27	0.178	0.75	13 440	68	0.843	0.70	1 884.0	1961	1994	CWNGNUL SHELL MATERIAL BALANCE CONCURRENT PRODUCTION
						0.88		1957	1995	DEEP CUT SL, GAS BREAKTHRU
						0.88		1957	1995	DEEP CUT SL, GAS BREAKTHRU
								1957	1993	CRESTAR GARDNER DIRECT CWNGNUL TALISMA GAS BREAKTHRU, DEEP CUT SL
7.55	0.101	0.60	14 180	66	0.839	0.75	1 831.4	1960	1996	TCPL CRESTAR PRODUCTION DECLINE
1.09	0.235	0.55	5 030	21	0.898	0.60	581.0	1929	1996	
2.00	0.289	0.60	3 950	24	0.928	0.59	594.6	1929	1997	
1.65	0.273	0.65	4 140	24	0.927	0.59	591.8	1929	1997	
1.63	0.286	0.70	4 160	24	0.927	0.59	598.6	1929	1997	
0.50	0.261	0.60	3 900	24	0.928	0.60	598.8	1929	1993	GPP
0.51	0.200	0.55	4 150	24	0.924	0.60	600.0	1929	1979	
								1929	1997	AMOCO CNRL TCPL PCOG PANALTA HUSKY CWNGNUL TALISMA CHEL GPP
2.03	0.308	0.70	4 220	22	0.926	0.60	616.2	1956	1996	AMOCO TCPL HUSKY PANALTA TALISMA PRODUCTION DECLINE
						0.66		1969	1997	DEEP CUT SL
								1969	1997	AMOCO NORCEN PCOG DEEP CUT SL
5.32	0.057	0.65	19 990	84	0.887	0.64	2 403.3	1980	1997	TCPL PANALTA AMOCO NORCEN PRODUCTION DECLINE DEEP CUT SL
5.70	0.100	0.80	26 290	93	0.935	0.63	2 327.1	1982	1996	DEEP CUT SL
4.16	0.052	0.70	21 170	93	0.899	0.67	2 796.9	1979	1996	DEEP CUT SL
								1979	1996	TCPL PROGAS PANALTA NORCEN TALISMA CHEL DEEP CUT SL
9.49	0.070	0.55	19 390	84	0.892	0.63	2 413.3	1982	1996	TCPL PRODUCTION DECLINE DEEP CUT SL
9.00	0.096	0.60	19 880	79	0.881	0.65	2 380.4	1981	1996	TCPL CHEL PANALTA PRODUCTION DECLINE DEEP CUT SL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	AREA ha
WAPITI 067-10W6 (CONTINUED)									
NOTIKEWIN G	529	0.85	0.10	405	356	49	39	1 893	750
NOTIKEWIN H	729	0.85	0.15	527	467	60	39	2 367	250
NOTIKEWIN I	729	0.85	0.15	527	475	52	40	2 066	500
NOTIKEWIN J	553	0.75	0.15	353	230	123	40	4 878	250
NOTIKEWIN L	449	0.85	0.15	325	292	33	39	1 279	250
NOTIKEWIN M	453	0.85	0.15	327	280	47	39	1 840	250
FALHER A-3	22	0.75	0.15	14			39		250
NIKANASSIN A	175	0.80	0.25	105			42		200
NIKANASSIN B	187	0.80	0.20	120			40		200
NIKANASSIN C	107	0.80	0.25	65			40		200
FALH A-3 & NIK A,B&C TOTAL	491	0.80	0.25	304	10	294	41	11 907	
FALHER D-1	3 728	0.90	0.10	3 020			38		9 492
GETHING C	28	0.75	0.05	20			37		150
FALHER D-1 & GETH C TOTAL	3 756	0.90	0.10	3 040	2 726	314	38	11 847	
FALHER A-1	571	0.70	0.15	340	319	21	39	823	250
FALHER A-5	524	0.85	0.15	378	362	16	39	626	500
FALHER A-6	576	0.80	0.15	392	81	311	42	12 925	500
FALHER C-1	1 719	0.85	0.15	1 242	1 231	11	40	437	1 992
FALHER C-2	741	0.85	0.15	536	518	18	38	678	500
FALHER C-3	867	0.90	0.20	624	613	11	40	445	250
FALHER C-4	598	0.85	0.15	432	372	60	39	2 351	1 348
FALHER E-1	2 400	0.90	0.15	1 836	1 741	95	39	3 743	854
FALHER F-1	4 681	0.94	0.15	3 740	3 725	15	39	590	3 585
CADOMIN B	600	0.75	0.05	428	405	23	36	834	150
CADOMIN C	771	0.70	0.15	459	1	458	38	17 454	3 458
CADOMIN D	816	0.70	0.15	485	1	484	38	18 445	5 119
NIKA 02-066-07	552	0.90	0.05	472		472	38	17 804	200
OTHER	10 359			6 828	1 811	5 017		188 807	
TOTAL-WAPITI	43 614			30 376	17 766	12 610		480 917	
WAPPAU 074-10W4									
TOTAL-WAPPAU	465			247	97	150		5 607	
WARSPITE 060-18W4									
TOTAL-WARSPITE	662			457	366	91		3 412	
WARWICK 052-14W4									
VIKING C		0.65	0.05				37		6 264
VIKING M		0.75	0.05				37		128
VIKING N		0.75	0.05				37		128
VIKING Z		0.70	0.05				37		200
UPPER MANNVILLE G		0.65	0.05				37		1 655
UPPER MANNVILLE BB		0.65	0.05				37		300
VIK & UPPER MANN MU#1 TOTAL	1 377	0.75	0.05	955	810	145	37	5 329	
UPPER MANNVILLE K	1 194	0.70	0.05	794	761	33	37	1 224	538
UPPER MANNVILLE WW	514	0.70	0.05	342	236	106	37	3 935	150
UPPER MANNVILLE D	399	0.70	0.05	265			37		1 662
UPPER MANNVILLE H	376	0.75	0.05	268			37		200
UPPER MANNVILLE M	667	0.70	0.05	444			37		1 782
UPPER MANNVILLE N	20	0.70	0.05	13			38		128
UPPER MANNVILLE NNN	51	0.65	0.05	31			37		924
U MANN D,H,M,N & NNN TOTAL	1 513	0.70	0.05	1 021	910	111	37	4 108	
UPPER MANNVILLE MMM	535	0.70	0.05	356	206	150	37	5 571	365
OTHER	7 968			5 197	3 382	1 815		67 425	
TOTAL-WARWICK	13 101			8 665	6 305	2 360		87 592	
WASKAHIGAN 064-23W5									
DUNVEGAN A SOLN	228	0.65	0.10	133[b]			40		
DUNVEGAN A ASSOC	380	0.90	0.10	308[b]	159[b]	282	40	11 370	728

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
7.77	0.099	0.70	18 740	81	0.880	0.64	2 455.6	1979	1996	PANALTA CHEL PRODUCTION DECLINE DEEP CUT SL
7.00	0.100	0.75	19 830	74	0.861	0.65	2 226.8	1991	1996	PROGAS PANALTA NORCEN PRODUCTION DECLINE DEEP CUT SL
4.60	0.080	0.75	16 860	77	0.863	0.64	2 156.2	1993	1997	TCPL PROGAS PANALTA NORCEN CHEL PRODUCTION DECLINE DEEP CUT SL
9.50	0.080	0.65	18 190	84	0.874	0.65	2 264.7	1992	1994	NORCEN PANALTA PROGAS PRODUCTION DECLINE DEEP CUT SL
9.85	0.076	0.60	19 430	80	0.880	0.64	2 403.1	1994	1996	PANALTA CHEL PRODUCTION DECLINE DEEPCUT SL
4.70	0.080	0.75	18 630	83	0.879	0.65	2 510.6	1994	1996	PRODUCTION DECLINE DEEP CUT SL
1.18	0.062	0.65	17 620	59	0.819	0.66	1 990.7	1981	1988	DEEP CUT SL
6.00	0.100	0.70	23 690	96	0.878	0.73	2 408.5	1981	1996	DEEP CUT SL
6.90	0.090	0.75	23 690	102	0.895	0.73	2 454.6	1981	1996	DEEP CUT SL
4.40	0.080	0.75	23 690	99	0.891	0.73	2 467.5	1981	1996	DEEP CUT SL
								1981	1991	TCPL DEEP CUT SL
3.68	0.081	0.70	21 190	82	0.909	0.60	2 478.4	1979	1995	PRODUCTION DECLINE DEEP CUT SL
8.90	0.100	0.75	26 100	95	0.955	0.60	2 759.8	1980	1996	PRODUCTION DECLINE DEEP CUT SL
								1979	1995	PANALTA TCPL DEEP CUT SL
4.60	0.070	0.60	20 000	74	0.861	0.65	2 162.1	1980	1997	TCPL PANALTA PROGAS NORCEN PRODUCTION DECLINE DEEP CUT SL
4.65	0.085	0.70	15 280	77	0.864	0.65	2 159.4	1992	1996	CHEL TCPL PROGAS PANALTA NORCEN PRODUCTION DECLINE DEEP CUT SL
9.90	0.093	0.75	15 950	69	0.795	0.74	1 921.5	1996	1997	DEEP CUT SL
4.45	0.125	0.75	20 700	85	0.874	0.68	2 384.5	1978	1995	TCPL PANALTA PROGAS NORCEN PRODUCTION DECLINE DEEP CUT SL
6.40	0.089	0.65	16 940	78	0.868	0.68	2 250.8	1980	1995	AMOCO TCPL PANALTA PROGAS NORCEN TALISMA PRODUCTION DECLINE DEEP CUT SL
16.60	0.060	0.60	22 750	79	0.855	0.72	2 336.2	1979	1995	TCPL PANALTA PROGAS NORCEN PRODUCTION DECLINE DEEP CUT SL
4.00	0.087	0.70	21 380	77	0.872	0.66	2 508.8	1979	1995	TCPL PANALTA PRODUCTION DECLINE DEEP CUT SL
2.28	0.095	0.80	28 400	98	0.956	0.63	2 337.5	1981	1996	PANALTA PROGAS NORCEN TALISMA PRODUCTION DECLINE DEEP CUT SL
3.83	0.104	0.75	31 400	87	0.971	0.63	2 516.1	1978	1996	TCPL AMOCO PANALTA PROGAS NORCEN SCEPTRE TALISMA MATERIAL BALANCE DEEP CUT SL
4.60	0.130	0.75	21 910	81	0.924	0.59	2 389.3	1980	1994	TCPL PRODUCTION DECLINE DEEP CUT SL
3.51	0.057	0.65	20 090	97	0.901	0.67	2 897.6	1980	1996	AMOCO IOL PANALTA TCPL NORCEN CHEL DEEP CUT SL
3.97	0.036	0.65	19 920	95	0.897	0.67	2 809.2	1979	1996	PANALTA TCPL DEEP CUT SL
16.50	0.080	0.85	30 250	87	0.971	0.63	2 761.4	1994	1996	SCEPTRE
0.76	0.200	0.50	5 320	29	0.903	0.60	615.2	1969	1997	PRODUCTION DECLINE
0.60	0.160	0.45	4 010	24	0.921	0.60	607.0	1979	1997	PRODUCTION DECLINE
1.10	0.210	0.50	3 890	24	0.924	0.61	593.5	1979	1997	PRODUCTION DECLINE
1.50	0.120	0.50	5 100	25	0.902	0.60	620.4	1973	1997	PRODUCTION DECLINE
1.70	0.271	0.80	4 900	33	0.915	0.59	760.5	1970	1997	PRODUCTION DECLINE
1.45	0.269	0.50	5 290	30	0.903	0.60	648.3	1977	1997	PRODUCTION DECLINE
								1969	1997	
6.85	0.301	0.75	4 760	30	0.918	0.58	701.6	1970	1997	PARAMNT TCPL PRODUCTION DECLINE
3.80	0.300	0.80	4 580	31	0.921	0.57	759.7	1981	1997	TCPL PRODUCTION DECLINE
1.39	0.236	0.50	4 740	30	0.919	0.56	731.1	1970	1986	MATERIAL BALANCE
2.40	0.310	0.70	4 790	32	0.921	0.58	730.5	1970	1989	PRODUCTION DECLINE
2.85	0.238	0.65	4 700	34	0.922	0.58	749.7	1970	1989	PRODUCTION DECLINE
3.05	0.250	0.65	5 340	30	0.902	0.60	652.2	1973	1994	PRODUCTION DECLINE
0.89	0.232	0.55	4 690	28	0.918	0.56	717.2	1980	1984	
								1970	1994	PARAMNT TCPL
2.41	0.240	0.70	4 610	28	0.920	0.57	701.2	1971	1987	TCPL MATERIAL BALANCE
						0.65		1967	1988	PROGAS RIOALTO CONCURRENT PRODUCTION
4.78	0.165	0.65	10 240	63	0.851	0.65	1 544.1	1967	1988	PROGAS RIOALTO CONCURRENT PRODUCTION

TABLE 4-5

	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					
FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	AREA ha
WASKAHIGAN 064-23W5 (CONTINUED)									
DUNVEGAN C SOLN	46	0.65	0.10	27[b]			41		
DUNVEGAN C ASSOC	1 666	0.80	0.10	1 200[b]	1 059[b]	168	41	6 888	2 616
DUNVEGAN B	1 772	0.83	0.10	1 324	1 236	88	40	3 540	4 836
PEACE RIVER B	903	0.62	0.10	504	392	112	38	4 269	1 984
PEACE RIVER E	401	0.85	0.05	324	100	224	39	8 801	706
OTHER	2 637			1 763	628.	1 135		44 833	
TOTAL-WASKAHIGAN	8 033			5 583	3 574	2 009		79 701	
WATELET 047-26W4									
TOTAL-WATELET	299			190	71	119		4 571	
WATERTON 004-01W5									
RUNDLE C	8 726	0.50	0.45	2 400	794	1 606	38	60 353	1 665
RUNDLE K	670	0.80	0.35	348	43	305	39	11 813	200
RUNDLE M	2 800	0.80	0.20	1 792	1 563	229	38	8 746	1 367
RUNDLE N	777	0.85	0.30	462	150	312	39	12 074	200
RUNDLE D		0.80	0.52				39		2 914
RUNDLE E		0.80	0.52				39		100
RUNDLE D & E TOTAL	18 750	0.80	0.50	7 200	6 313	887	39	34 504	
RUNDLE A	1 400	0.60	0.35	546			39		380
RUNDLE L	117	0.80	0.35	61			39		128
RUNDLE J	13 529	0.85	0.40	6 900			39		2 178
RUNDLE A,L & J TOTAL	15 046	0.85	0.40	7 507	3 947	3 560	39	138 484	
RUNDLE-WABAMUN A	82 379	c	c	48 774	48 593	181	39[a]	7 104	5 157
WABAMUN B	498	0.85	0.20	338	338	< 1	37	-	386
WABAMUN C	708	0.90	0.25	478	16	462	37	16 988	200
WABAMUN D	617	0.85	0.20	419	19	400	37	14 884	200
PALL 03-006-03	571	0.90	0.20	411		411	35	14 397	200
OTHER	17			10	10	< 1		-	
TOTAL-WATERTON	131 559			70 139	61 786	8 353		319 347	
WATTS 031-15W4									
TOTAL-WATTS	2 324			1 415	1 024	391		15 141	
WAVY LAKE 043-14W4									
TOTAL-WAVY LAKE	666			431	155	276		10 393	
WAYNE-ROSEDALE 027-19W4									
BELLY RIVER A	644	0.90	0.05	551	502	49	37	1 802	1 785
BELLY RIVER S	441	0.80	0.05	335			37		2 886
BELLY RIVER EE	32	0.65	0.05	20			37		250
BELLY RIVER S & EE TOTAL	473	0.80	0.05	355	248	107	37	3 940	
MEDICINE HAT A	1 664	0.50	0.03	807			36		25 907
SE ALTA GAS SYS (MU) TOTAL	1 664	0.50	0.05	807		807	36	29 431	
VIKING B	676	0.90	0.10	547	483	64	39	2 479	3 280
VIKING A		0.75	0.10				39		26 829
GLAUCONITIC V		0.75	0.10				39		100
VIKING A & GLC V TOTAL	6 300	0.75	0.10	4 284	3 982	302	39	11 754	
GLAUCONITIC A	1 176	0.90	0.10	952	939	13	40	514	1 121
GLAUCONITIC G	889	0.90	0.10	720	704	16	40	638	791
GLAUCONITIC T	528	0.85	0.10	404			39		2 634
GLAUCONITIC T	1 400	0.85	0.10	1 071			39		5 541
GLAUCONITIC T	31	0.75	0.10	21			39		300
GLAUCONITIC T	106	0.75	0.10	72			39		294
GLAUCONITIC T	208	0.75	0.10	140			40		321
GLAUCONITIC T	6	0.75	0.10	5			39		150
GLAUCONITIC T	10	0.75	0.10	7			39		150
GLAUCONITIC T	11	0.75	0.10	7			39		150
GLAUCONITIC T TOTAL	2 300	0.85	0.10	1 727	860	867	39	33 796	
OSTRACOD A	639	0.85	0.10	489	414	75	39	2 951	150
OSTRACOD E	389	0.95	0.10	333	332	1	38	38	544
OTHER	12 515			7 909	4 146	3 763		144 707	
TOTAL-WAYNE-ROSEDALE	27 665			18 674	12 610	6 064		232 050	
WEALD 050-19W5									
CARD SD 23-050-19	586	0.85	0.10	448		448	40	18 023	400
OTHER	54			37		37		1 404	
TOTAL-WEALD	640			485		485		19 427	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
						0.69		1959	1995	RIOALTO PRODUCTION DECLINE CONCURRENT PRODUCTION
2.44	0.154	0.60	10 800	53	0.809	0.69	1 506.0	1959	1995	RIOALTO PRODUCTION DECLINE CONCURRENT PRODUCTION
2.45	0.156	0.65	10 390	58	0.834	0.68	1 667.3	1961	1997	PROGAS RIOALTO PRODUCTION DECLINE SLUSH OIL
1.50	0.157	0.70	12 430	61	0.855	0.63	1 813.1	1981	1997	TCPL RIOALTO NRTHSTR MATERIAL BALANCE
3.85	0.155	0.70	13 670	64	0.849	0.63	1 889.4	1996	1997	
34.85	0.054	0.85	38 590	86	0.933	0.83	3 489.8	1957	1994	AMOCO DEEP CUT SL
24.40	0.054	0.85	34 270	86	0.908	0.86	3 631.6	1958	1989	
32.30	0.067	0.80	40 290	102	1.068	0.63	4 381.5	1981	1997	MOBIL PROGAS MATERIAL BALANCE TOP/BASE TVD
25.70	0.070	0.80	33 560	103	0.940	0.80	3 617.7	1996	1997	
31.00	0.051	0.80	35 280	80	0.847	0.95	3 532.2	1957	1994	MATERIAL BALANCE TOP/BASE TVD, DEEP CUT SL
37.50	0.050	0.80	35 280	80	0.847	0.95	3 277.4	1960	1994	MATERIAL BALANCE DEEP CUT SL
								1957	1994	SHELL DEEP CUT SL
13.10	0.061	0.85	29 170	71	0.847	0.85	2 882.1	1960	1989	MATERIAL BALANCE TOP/BASE TVD, DEEP CUT SL
5.40	0.070	0.80	34 450	80	0.921	0.85	3 063.6	1970	1996	TOP/BASE TVD, DEEP CUT SL
35.19	0.064	0.90	32 560	80	0.856	0.85	3 230.2	1960	1992	TOP/BASE TVD, DEEP CUT SL
								1960	1996	SHELL DEEP CUT SL
43.19	0.050	0.80	32 960	69	0.879	0.97	3 037.6	1959	1997	SHELL GAS CYCLING, TOP/BASE TVD
19.30	0.053	0.80	40 800	101	1.058	0.66	4 191.2	1958	1996	
24.90	0.050	0.95	36 570	81	0.982	0.69	3 395.4	1988	1994	TOP/BASE TVD
27.00	0.050	0.80	34 820	84	0.971	0.67	3 662.5	1979	1994	
25.00	0.050	0.80	35 210	83	0.985	0.69	3 438.5	1981	1994	
2.96	0.192	0.50	6 130	26	0.896	0.57	645.8	1960	1995	CWNGNUL PANCDN PRODUCTION DECLINE
3.53	0.256	0.55	3 000	21	0.944	0.57	548.9	1966	1991	
3.00	0.250	0.60	2 710	15	0.946	0.56	424.5	1980	1988	
								1966	1991	TCPL PANCDN NORCEN PANALTA CRESTAR
1.36	0.170	0.55	4 310	17	0.916	0.56	835.3	1904	1994	PART OF MED HAT POOL NO.1
								1904	1994	TCPL PANCDN NORCEN PANALTA QUEBEC CRESTAR
2.87	0.164	0.55	8 070	38	0.849	0.64	1 211.3	1954	1982	TCPL MATERIAL BALANCE
2.36	0.165	0.55	8 040	44	0.854	0.65	1 196.1	1953	1995	MATERIAL BALANCE
12.11	0.150	0.60	9 900	44	0.826	0.66	1 408.2	1980	1995	MATERIAL BALANCE
								1953	1995	
5.05	0.197	0.70	9 700	50	0.821	0.69	1 326.8	1953	1995	TCPL PRODUCTION DECLINE
4.14	0.180	0.75	9 880	47	0.801	0.72	1 335.2	1957	1996	TCPL PRODUCTION DECLINE
1.97	0.171	0.60	9 540	49	0.850	0.65	1 314.3	1966	1995	
2.16	0.181	0.60	9 790	40	0.826	0.65	1 319.5	1966	1996	
1.10	0.155	0.55	9 700	39	0.814	0.67	1 323.4	1966	1992	
3.85	0.148	0.60	9 750	43	0.829	0.65	1 304.7	1966	1992	
6.41	0.158	0.60	9 320	41	0.790	0.73	1 268.1	1966	1996	
0.50	0.120	0.55	11 350	51	0.816	0.68	1 401.8	1966	1992	ASSIGNED WELL 08-20-026-18W4M
1.00	0.140	0.40	10 760	49	0.817	0.68	1 336.5	1966	1992	ASSIGNED WELL 07-32-026-18W4M
0.90	0.130	0.55	10 460	48	0.819	0.68	1 303.6	1966	1992	ASSIGNED WELL 06-10-027-18W4M
								1966	1992	TCPL QUEBEC PANCDN NORCEN
2.74	0.190	4.00	10 080	46	0.821	0.67	1 339.7	1962	1994	TCPL PRODUCTION DECLINE
0.99	0.229	0.65	9 860	53	0.859	0.65	1 452.0	1980	1995	TCPL PRODUCTION DECLINE
8.00	0.144	0.70	18 860	78	0.841	0.69	2 318.9	1974	1992	IOL CHEL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10⁶m³	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10⁶m³	5 NET CUMULATIVE PRODUCTION 10⁶m³	6 REMAINING ESTABLISHED RESERVES 10⁶m³	7 GROSS HEAT VALUE MJ/m³	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
WEASEL 058-19W4									
TOTAL-WEASEL	167			110		110		4 124	
WEASONE (SA) 062-09W5									
TOTAL-WEASONE	62			42		42		1 593	
WEBSTER 074-05W6									
CHARLIE LAKE D	1 821	0.90	0.05	1 557	730	827	39	31 955	4 710
OTHER	837			580	284	296		11 477	
TOTAL-WEBSTER	2 658			2 137	1 014	1 123		43 432	
WELLBURN 009-18W4									
TOTAL-WELLBURN	52			30	30				
WEMBLEY 073-08W6									
DUNVEGAN D	412	0.85	0.10	315	123	192	40	7 678	400
HALFWAY X	824	0.85	0.15	595	382	213	41	8 822	539
HALFWAY B SOLN	4 209	0.58	0.30	1 709[b]			40[a]		
HALFWAY B ASSOC	5 740	c	c	4 133[b]	569[b]	5 273	40[a]	210 920	4 269
DOIG E SOLN	456	0.65	0.25	222[b]			41		
DOIG E ASSOC	1 691	0.80	0.15	1 150[b]	863[b]	509	41	21 062	1 558
OTHER	2 147			1 384	503	881		33 050	
TOTAL-WEMBLEY	15 479			9 508	2 440	7 068		281 532	
WEST DRUMHELLER 029-21W4									
D-2 A SOLN	1 205	0.65	0.65	274[b]			39		
D-2 A ASSOC	184	0.75	0.25	104[b]	231[b]	147	39	5 767	512
OTHER	456			234	58	176		6 825	
TOTAL-WEST DRUMHELLER	1 845			612	289	323		12 592	
WEST PRAIRIE 072-15W5									
TOTAL-WEST PRAIRIE	6			3		3		117	
WESTEROSE 046-28W4									
UPPER MANNVILLE B	2 721	0.85	0.10	2 082			39		4 550
LOWER MANNVILLE F	131	0.75	0.15	83			40		150
U MANN B & L MANN F TOTAL	2 852	0.85	0.10	2 165	2 160	5	39	195	
WABAMUN A	453	0.80	0.15	308	49	259	39	10 073	400
D-3 SOLN	5 146	0.65	0.15	2 843[b]			42[a]		
D-3 ASSOC	3 669	c	c	3 060[b]	4 455[b]	1 448	42[a]	60 411	466
OTHER	3 643			2 481	702	1 779		69 510	
TOTAL-WESTEROSE	15 763			10 857	7 366	3 491		140 189	
WESTEROSE SOUTH 044-01W5									
UPPER MANNVILLE A	159	0.70	0.10	100			39		150
GLAUCONITIC A	6 099	0.90	0.10	4 940			40		6 466
GLAUCONITIC A	594	0.70	0.10	374			40		808
GLAUCONITIC A	529	0.70	0.10	333			40		1 431
GLAUCONITIC A	115	0.70	0.10	73			39		238
GLAUCONITIC A	3 159	0.70	0.10	1 990			40		3 161
GLAUCONITIC A	675	0.70	0.10	426			40		527
GLAUCONITIC A	4 000	0.90	0.10	3 240			40		2 658
GLAUCONITIC A	786	0.70	0.10	495			40		260
GLAUCONITIC A	643	0.70	0.10	405			41		944
GLAUCONITIC A	69	0.70	0.10	43			41		112
GLAUCONITIC A	590	0.70	0.10	372			39		1 074
GLAUCONITIC A	3 000	0.70	0.10	1 890			40		3 017
GLAUCONITIC A	161	0.75	0.10	109			40		230
BASAL QUARTZ F	55	0.70	0.10	35			39		150
UMN A,GLC A&BSL QTZ F TOTAL	20 634	0.80	0.10	14 825	12 338	2 487	40	98 634	
GLAUCONITIC E	441	0.85	0.10	338	127	211	39	8 231	498
GLAUCONITIC F	446	0.85	0.10	341	82	259	39	10 119	626

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
1.58	0.185	0.85	16 000	67	0.860	0.62	1 772.2	1973	1997	
2.65	0.194	0.65	7 860	37	0.835	0.65	990.2	1984	1996	PRODUCTION DECLINE
2.86	0.142	0.85	21 700	74	0.826	0.75	1 991.1	1986	1997	PRODUCTION DECLINE
						0.85		1978	1997	IOL AMOCO AEC PANALTA PROGAS NRTHSTR PANCDN CRESTAR PART OF HALFWAY POOL NO.1 GAS CYCLING, DEEP CUT SL
4.59	0.110	0.80	21 420	73	0.790	0.85	2 040.4	1978	1997	IOL AMOCO AEC PANALTA PROGAS NRTHSTR PANCDN CRESTAR PART OF HALFWAY POOL NO.1 GAS CYCLING, DEEP CUT SL
						0.71		1980	1994	AMOCO PANALTA PROGAS IOL CRESTAR CONCURRENT PRODUCTION, DEEP CUT SL
8.11	0.080	0.80	21 550	75	0.842	0.71	2 116.4	1980	1994	AMOCO PANALTA PROGAS IOL CRESTAR CONCURRENT PRODUCTION, DEEP CUT SL
						0.92		1952	1996	TCPL GPP
7.70	0.037	0.75	14 030	56	0.723	0.92	1 675.7	1952	1996	TCPL GPP
7.39	0.127	0.55	11 490	66	0.832	0.73	1 689.4	1978	1995	
5.90	0.130	0.75	13 290	48	0.777	0.74	1 750.0	1987	1996	
								1978	1995	NRTHSTR CDNFRST PANCDN PROGAS QUEBEC ENGAGE CRESTAR GULF
13.00	0.080	0.75	15 060	72	0.855	0.71	1 782.2	1995	1997	
						0.80		1952	1990	TCPL PANCDN GULF GAS CYCLING, CONCURRENT PRODUCTION
64.36	0.088	0.90	17 470	81	0.826	0.80	2 129.2	1952	1990	TCPL PANCDN GULF GAS CYCLING, CONCURRENT PRODUCTION
11.00	0.150	0.65	10 510	73	0.874	0.66	1 806.3	1981	1996	
12.02	0.116	0.55	16 510	73	0.824	0.72	1 864.9	1953	1993	MATERIAL BALANCE SLUSH OIL
6.96	0.108	0.60	16 580	76	0.829	0.72	1 895.1	1953	1997	SLUSH OIL
8.74	0.106	0.50	16 250	76	0.832	0.71	1 879.3	1953	1993	PRODUCTION DECLINE SLUSH OIL
4.73	0.106	0.60	15 870	73	0.810	0.76	1 898.2	1953	1997	SLUSH OIL
8.08	0.130	0.60	15 780	73	0.818	0.73	1 872.1	1953	1997	SLUSH OIL
12.17	0.123	0.70	16 310	70	0.807	0.74	1 800.3	1953	1993	MATERIAL BALANCE
9.14	0.128	0.65	16 860	73	0.818	0.74	1 780.9	1953	1993	MATERIAL BALANCE
7.14	0.131	0.60	16 310	73	0.824	0.72	1 791.1	1953	1993	PRODUCTION DECLINE
8.94	0.124	0.65	16 520	69	0.773	0.79	1 831.6	1953	1993	PRODUCTION DECLINE
4.46	0.130	0.70	15 050	73	0.820	0.80	1 968.2	1953	1997	
8.87	0.121	0.60	16 310	73	0.817	0.74	1 848.9	1953	1993	MATERIAL BALANCE
7.23	0.123	0.55	16 380	72	0.815	0.74	1 794.9	1953	1993	MATERIAL BALANCE
6.46	0.110	0.60	16 450	75	0.821	0.74	1 842.5	1953	1997	
2.40	0.130	0.75	15 850	70	0.835	0.69	1 822.9	1987	1996	
								1953	1997	CHEVRON CRESTAR WEBEX ULSTER ENGAGE TCPL QUEBEC PROGAS TARRAGN PANCDN WASCANA GULF CDNFRST AMOCO SLUSH OIL
9.37	0.117	0.65	12 370	65	0.837	0.69	1 675.3	1959	1993	QUEBEC
7.41	0.116	0.65	12 420	65	0.819	0.73	1 709.8	1963	1993	NORCEN PANCDN

TABLE 4-5

	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					
FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	AREA ha
WESTEROSE SOUTH 044-01W5 (CONTINUED)									
D-3 A ASSOC	52 407	0.88	0.15	39 200[b]	39 190[b]	10	41	411	4 770
OTHER	4 062			2 750	598	2 152		84 007	
TOTAL-WESTEROSE SOUTH	77 990			57 454	52 335	5 119		201 402	
WESTLOCK 059-26W4									
VIKING		0.87	0.04				38		34 319
VIKING B		0.87	0.04				38		10 921
VIKING I		0.87	0.04				38		4 811
VIKING J		0.87	0.04				38		400
VIKING K		0.87	0.04				38		2 561
VIKING L		0.87	0.04				38		1 893
VIKING M		0.87	0.04				38		916
VIKING N		0.87	0.04				38		5 685
VIKING P		0.87	0.04				38		1 414
VIKING Q		0.87	0.04				38		200
VIK,VIK BIJKLMNP & Q TOTAL	13 170	0.85	0.05	11 000	10 758	242	38	9 232	
MIDDLE VIKING B	413	0.90	0.04	357	340	17	38	650	1 233
LOWER MANNVILLE B	1 076	0.75	0.10	726	574	152	39	5 908	2 182
OTHER	3 868			2 602	1 068	1 534		57 898	
TOTAL-WESTLOCK	18 527			14 685	12 740	1 945		73 688	
WESTPEM 049-13W5									
OSTRACOD L	1 327	0.85	0.20	902	424	478	43	20 511	1 556
ELLERSLIE C	139	0.80	0.20	89			42		150
ROCK CREEK F	317	0.85	0.10	242			40		400
ELRS C & ROCK CR F TOTAL	456	0.85	0.15	331	18	313	40	12 673	
ELLERSLIE B	1 381	0.85	0.20	939			40		478
ROCK CREEK G	41	0.75	0.10	28			40		200
ELRS B & ROCK CK G TOTAL	1 422	0.85	0.20	967	11	956	40	38 403	
ROCK CREEK D	689	0.85	0.15	498	47	451	40	18 049	1 982
NISKU A SOLN	593	0.83	0.30	344[b]			42		
NISKU A ASSOC		0.75	0.10		190[b]	154	42	6 459	
NISKU E	1 160	[c]	[c]	709	280	429	45[a]	19 202	87
OTHER	3 298			1 745	72	1 673		67 834	
TOTAL-WESTPEM	8 945			5 496	1 042	4 454		183 131	
WETASKIWIN 045-24W4									
TOTAL-WETASKIWIN	1 316			894	76	818		30 474	
WHISKEY 022-05W5									
RUNDLE A	1 102	0.85	0.25	703			41		200
RUNDLE B	178	0.70	0.20	100			41		400
RUNDLE A & B TOTAL	1 280	0.85	0.25	803	160	643	41	26 112	
TOTAL-WHISKEY	1 280			803	160	643		26 112	
WHITECOURT 060-11W5									
CADOMIN A		0.80	0.10				40		200
JURASSIC E		0.80	0.10				40		1 082
CADOMIN A&JURASSIC E TOTAL	2 546	0.80	0.10	1 833	1 639	194	40	7 682	
JURASSIC C	3 230	0.69	0.10	2 006	1 945	61	39	2 378	1 121
JURASSIC D	3 287	0.45	0.10	1 331	1 106	225	39	8 865	2 549
JURASSIC F	415	0.85	0.10	318	149	169	39	6 664	810
PEKISKO E	4 806	0.45	0.10	1 947	1 756	191	39	7 460	5 856
OTHER	996			698	260	438		17 091	
TOTAL-WHITECOURT	15 280			8 133	6 855	1 278		50 140	
WHITEHORSE 050-15W5									
GETHING C	166	0.75	0.15	106			42		150
ROCK CREEK E	594	0.85	0.20	404			41		200
GETHING C & ROCK CK E TOTAL	760	0.85	0.20	510	2	508	41	20 803	
ROCK CREEK B	1 180	0.75	0.10	797	110	687	40	27 288	1 879
NISKU A	442	0.80	0.05	336	58	278	36	9 869	200
NISKU B	606	0.80	0.15	412	404	8	38	301	128
OTHER	1 932			1 304	323	981		39 365	
TOTAL-WHITEHORSE	4 920			3 359	897	2 462		97 626	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
75.90	0.086	0.90	16 530	80	0.805	0.79	2 317.5	1953	1996	CRESTAR TCPL QUEBEC POCO GULF MATERIAL BALANCE PREV GAS CYC. BLOW DOWN GPP
2.15	0.199	0.55	5 820	37	0.897	0.61	772.1	1949	1990	MATERIAL BALANCE SLUSH OIL
0.85	0.191	0.60	5 820	37	0.897	0.61	724.2	1972	1990	MATERIAL BALANCE SLUSH OIL
1.50	0.203	0.60	5 820	37	0.897	0.60	758.0	1953	1990	MATERIAL BALANCE SLUSH OIL
1.25	0.206	0.60	5 820	37	0.897	0.61	767.2	1955	1990	MATERIAL BALANCE SLUSH OIL
0.87	0.189	0.60	5 820	37	0.897	0.61	749.6	1949	1990	MATERIAL BALANCE SLUSH OIL
0.62	0.130	0.50	5 820	37	0.897	0.61	783.8	1954	1990	MATERIAL BALANCE SLUSH OIL
0.77	0.190	0.60	5 820	37	0.897	0.61	731.8	1961	1990	MATERIAL BALANCE SLUSH OIL
0.79	0.166	0.55	5 820	37	0.897	0.61	790.5	1953	1990	MATERIAL BALANCE SLUSH OIL
1.46	0.187	0.65	5 820	37	0.897	0.61	732.5	1959	1990	MATERIAL BALANCE SLUSH OIL
1.20	0.192	0.65	5 820	37	0.897	0.61	718.7	1961	1990	MATERIAL BALANCE SLUSH OIL
								1949	1990	CRESTAR SCEPTRE PROGAS CNWE AMOCO CENTRA IOL TCPL CWNGNUL HUSKY NORCEN PANALTA PARAMNT POCO GARDNER CHEL SLUSH OIL
3.09	0.186	0.60	5 820	37	0.897	0.61	783.0	1947	1996	CWNGNUL NORCEN IOL PART OF VIK POOL NO.1 PRODUCTION DECLINE
4.53	0.200	0.80	6 610	38	0.888	0.62	949.5	1951	1997	IOL TCPL CWNGNUL HUSKY NORCEN
2.96	0.138	0.75	32 370	84	0.926	0.98	2 527.4	1985	1997	
5.50	0.100	0.80	22 070	98	0.803	0.97	2 502.9	1992	1994	
5.93	0.090	0.75	23 260	97	0.903	0.68	2 557.8	1992	1996	
								1992	1996	
15.47	0.138	0.70	19 940	96	0.795	0.95	2 478.4	1979	1996	
2.00	0.090	0.70	17 590	91	0.841	0.76	2 505.0	1990	1996	
								1979	1996	
2.89	0.099	0.80	16 700	98	0.843	0.78	2 509.7	1992	1997	
						0.78		1977	1993	CHEVRON DRY GAS BREAKTHRU. GPP
						0.78		1977	1993	CHEVRON DRY GAS BREAKTHRU. GPP
39.30	0.106	0.90	39 720	106	1.083	1.10	3 142.4	1978	1982	PROGAS CHEVRON PREV GAS CYCLING. BLOWDOWN
41.45	0.070	0.75	25 680	75	0.829	0.87	3 522.9	1968	1996	TOP/BASE TVD
6.70	0.040	0.65	29 790	89	0.915	0.79	3 896.9	1976	1996	TOP/BASE TVD
								1968	1996	
10.67	0.168	0.50	12 830	55	0.835	0.65	1 507.9	1963	1997	MATERIAL BALANCE
4.61	0.165	0.50	12 830	56	0.838	0.65	1 546.3	1963	1997	MATERIAL BALANCE
								1963	1997	PCOG TCPL
3.02	0.167	0.65	12 700	63	0.861	0.63	1 538.4	1968	1996	PCOG TCPL MATERIAL BALANCE
9.19	0.167	0.70	12 170	64	0.856	0.66	1 574.3	1965	1996	PCOG TCPL PROGAS PRODUCTION DECLINE
3.87	0.210	0.50	12 940	68	0.857	0.65	1 628.8	1968	1996	PCOG TCPL
9.92	0.124	0.70	12 830	64	0.859	0.64	1 587.7	1963	1997	PCOG TCPL PROGAS POCO CRESTAR MATERIAL BALANCE NONCOMMERCIAL OIL
4.70	0.130	0.80	24 410	87	0.854	0.78	2 767.6	1995	1996	TOP/BASE TVD
11.10	0.140	0.85	24 690	88	0.865	0.83	2 790.9	1995	1995	TOP/BASE TVD
								1995	1997	
4.82	0.093	0.70	23 610	101	0.897	0.73	2 705.0	1978	1995	POCO TCPL TOP/BASE TVD
17.00	0.060	0.85	35 580	107	1.045	0.61	3 352.8	1980	1997	POCO
21.45	0.090	0.95	29 170	114	0.982	0.64	3 276.4	1981	1997	TCPL POCO PRODUCTION DECLINE TOP/BASE TVD

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	ha
WHITELAW 082-02W6									
SPIRIT RIVER F	262	0.70	0.05	174			38		1 240
SPIRIT RIVER G	103	0.60	0.05	59			37		990
SPIRIT RIVER H	124	0.70	0.10	78			37		1 018
SPIRIT RIVER J	51	0.70	0.05	34			37		548
SPIRIT RIVER K	52	0.70	0.05	34			37		500
SPIRIT RIVER L	24	0.65	0.05	15			37		250
SPIRIT RIVER M	23	0.65	0.05	14			37		250
SPIRIT RIVER N	231	0.70	0.05	154			37		500
SPIRIT RIVER O	69	0.70	0.05	46			37		500
SPRT RIVER FGHJKLMN&O TOTAL	939	0.70	0.05	608	249	359	37	13 437	
GETHING B	564	0.85	0.05	455	333	122	38	4 597	1 747
TRIASSIC D	621	0.85	0.05	502	21	481	35	17 056	400
OTHER	964			612	304	308		11 593	
TOTAL-WHITELAW	3 088			2 177	907	1 270		46 683	
WHITEMUD 051-25W4									
TOTAL-WHITEMUD	119			76	28	48		1 875	
WHITFORD 058-16W4									
TOTAL-WHITFORD	3 110			1 805	904	901		33 567	
WIDEWATER 073-08W5									
TOTAL-WIDEWATER	195			128		128		4 715	
WILD RIVER 056-24W5									
CARDIUM A	127	0.75	0.10	86			41		200
VIKING C	494	0.80	0.10	356			41		600
CARDIUM A & VIKING C TOTAL	621	0.80	0.10	442	1	441	41	17 940	
UPPER MANNVILLE A	699	0.85	0.10	535	11	524	40	21 039	150
SPIRIT RIVER A	220	0.75	0.10	149			40		500
BLUESKY A	801	0.60	0.10	433			40		1 394
CADOMIN C	82	0.75	0.05	59			38		150
SPRTR A,BLSK A&CDM C TOTAL	1 103	0.65	0.10	641	55	586	40	23 223	
OTHER	1 642			1 222	388	834		32 352	
TOTAL-WILD RIVER	4 065			2 840	455	2 385		94 554	
WILDCAT HILLS 027-06W5									
VIKING B	517	0.75	0.10	349	10	339	40	13 424	200
RUNDLE A	32 085	0.88	0.15	24 000	19 892	4 108	39	158 240	4 062
OTHER	456			310	63	247		9 759	
TOTAL-WILDCAT HILLS	33 058			24 659	19 965	4 694		181 423	
WILDHAY (SA) 055-24W5									
CARD SD 10-055-24	534	0.85	0.10	409		409	40	16 552	200
TOTAL-WILDHAY	534			409		409		16 552	
WILDHORSE CREEK 031-10W5									
RUNDLE A	2 458	0.50	0.20	983	863	120	38	4 529	668
TOTAL-WILDHORSE CREEK	2 458			983	863	120		4 529	
WILDMERE 048-05W4									
COLONY BB		0.75	0.05				36		1 292
MCLAREN A		0.70	0.05				36		128
MCLAREN B	65	0.50	0.05	31			36		200
WASECA A ASSOC		0.70	0.05				36		154
WASECA B	28	0.60	0.05	16			36		64
CLY BB,MCL AB&WASC AB TOTAL	681	0.70	0.05	447	422	25			
COLONY Z	380	0.75	0.05	271			36		659
COLONY XXX	7	0.70	0.05	5			36		64
REX C	1	0.65	0.05	1			36		16
LLOYDMINSTER X	97	0.60	0.05	55			35		400
CLY Z,XXX,REX C&LLYDX TOTAL	485	0.70	0.05	332	299	33	36	1 187	
LLOYDMINSTER A ASSOC		0.65	0.05				35		176
LLOYDMINSTER A SOLN	639	0.51	0.20	261[b]			35		
LLOYDMINSTER A ASSOC		0.70	0.05				35		32
LLOYDMINSTER A ASSOC		0.70	0.05				35		4
LLOYDMINSTER A ASSOC		0.60	0.05				35		3
LLOYDMINSTER A ASSOC		0.60	0.05				35		39
LLOYDMINSTER A ASSOC		0.65	0.05				35		9
LLOYDMINSTER A ASSOC		0.60	0.05				35		13
LLOYDMINSTER A ASSOC		0.60	0.05				35		30

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
2.50	0.249	0.50	6 410	28	0.891	0.56	718.1	1977	1997	DEEP CUT SL
2.13	0.228	0.50	4 120	23	0.925	0.56	620.1	1951	1997	DEEP CUT SL
1.59	0.241	0.50	6 100	33	0.893	0.59	687.2	1977	1997	DEEP CUT SL
1.46	0.243	0.50	5 000	25	0.902	0.59	631.1	1972	1994	
2.10	0.237	0.35	5 610	26	0.895	0.59	662.8	1977	1994	
2.40	0.240	0.50	3 180	21	0.935	0.59	512.8	1990	1990	
2.30	0.310	0.35	3 540	22	0.929	0.59	542.9	1990	1990	
6.15	0.233	0.50	6 070	28	0.890	0.59	697.0	1977	1994	
1.65	0.255	0.50	6 170	28	0.888	0.59	705.9	1977	1994	
								1951	1997	TCPL AEL DEEP CUT SL
3.26	0.191	0.65	7 540	33	0.878	0.57	878.2	1959	1997	PROGAS TCPL CWNGNUL
12.50	0.220	0.70	7 830	37	0.891	0.59	985.8	1994	1995	
5.20	0.090	0.80	17 080	76	0.823	0.71	2 168.0	1994	1997	
3.63	0.147	0.65	28 090	91	0.925	0.67	2 655.6	1994	1997	
								1994	1997	
23.50	0.100	0.75	33 110	90	0.981	0.65	2 739.2	1994	1995	
4.40	0.075	0.60	26 090	90	0.918	0.66	2 904.9	1993	1996	
3.44	0.108	0.70	27 010	99	0.935	0.68	2 942.7	1980	1996	
4.70	0.080	0.65	27 600	93	0.958	0.61	3 060.1	1996	1996	TOP/BASE TVD
								1980	1996	
30.50	0.100	0.80	11 400	81	0.865	0.70	2 430.0	1993	1997	TOP/BASE TVD
43.30	0.075	0.85	26 960	84	0.921	0.69	3 006.6	1958	1994	AMOCO PCOG TCPL CWNGNUL TALISMA SHELL PRODUCTION DECLINE TOP/BASE TVD
15.00	0.120	0.75	20 730	82	0.839	0.75	2 466.5	1980	1994	
26.69	0.077	0.85	21 720	62	0.859	0.66	2 164.5	1960	1997	TCPL PRODUCTION DECLINE TOP/BASE TVD
2.30	0.295	0.75	3 960	19	0.926	0.57	580.9	1976	1996	PRODUCTION DECLINE
8.00	0.270	0.80	3 330	18	0.936	0.58	597.4	1989	1996	PRODUCTION DECLINE
11.00	0.260	0.85	1 360	24	0.975	0.58	579.8	1994	1994	NONCOMMERCIAL OIL
4.55	0.285	0.85	3 960	24	0.930	0.57	589.7	1976	1996	PRODUCTION DECLINE
4.10	0.280	0.90	4 090	25	0.928	0.58	615.8	1989	1996	NONCOMMERCIAL OIL
								1976	1997	PROGAS AEL PANALTA HUSKY OIL DEPLETED
2.14	0.283	0.65	4 160	24	0.920	0.61	601.9	1979	1995	PRODUCTION DECLINE
1.40	0.330	0.70	3 200	24	0.942	0.58	606.5	1985	1996	
1.30	0.270	0.40	4 580	27	0.921	0.58	669.2	1985	1994	
2.40	0.290	0.75	4 450	23	0.920	0.59	672.5	1985	1997	
								1979	1997	
0.86	0.305	0.80	4 520	25	0.921	0.60	612.1	1963	1995	PRODUCTION DECLINE GPP
						0.60		1963	1995	PRODUCTION DECLINE GPP
0.81	0.303	0.80	3 870	24	0.931	0.60	590.4	1963	1993	PRODUCTION DECLINE
1.05	0.310	0.80	4 520	22	0.917	0.60	577.0	1963	1990	PRODUCTION DECLINE
0.43	0.320	0.80	4 520	22	0.917	0.60	635.1	1963	1990	PRODUCTION DECLINE
0.79	0.315	0.80	4 520	26	0.922	0.60	652.7	1963	1990	PRODUCTION DECLINE
0.56	0.320	0.80	4 520	22	0.917	0.60	649.8	1963	1990	PRODUCTION DECLINE
0.92	0.310	0.75	4 520	22	0.917	0.60	660.4	1963	1990	PRODUCTION DECLINE
2.63	0.300	0.80	4 250	25	0.925	0.60	637.0	1963	1992	PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	ha
WILDMERE 048-05W4 (CONTINUED)									
LLOYDMINSTER A ASSOC		0.65	0.05				35		16
LLOYDMINSTER A ASSOC		0.65	0.05				35		16
SPARKY E ASSOC		0.70	0.05				35		52
SPARKY E ASSOC		0.70	0.05				35		69
LLOYD A & SPARKY E TOTAL	843	0.55	0.15	393^b	331^b	62	35	2 185	
OTHER	5 849			3 815	2 199	1 616		57 608	
TOTAL-WILDMERE	7 858			4 987	3 251	1 736		60 980	
WILDUNN CREEK 029-14W4									
VIKING B	452	0.70	0.05	300	181	119	37	4 388	2 699
OTHER	460			303	228	75		2 782	
TOTAL-WILDUNN CREEK	912			603	409	194		7 170	
WILDWOOD 054-09W5									
TOTAL-WILDWOOD	474			332		332		13 128	
WILLESDEN GREEN 042-07W5									
BELLY RIVER J SOLN	12	0.65	0.40	5^b			39		
BELLY RIVER J ASSOC	543	0.65	0.10	318^b	186^b	137	39	5 409	614
CARDIUM A ASSOC	1 618	0.90	0.15	1 238^b			41		9 493
CARDIUM A SOLN	24 922	0.45	0.54	5 159^b			41		
CARDIUM A ASSOC	983	0.85	0.10	752^b			40		4 697
CARDIUM A ASSOC	76	0.75	0.10	51^b			40		782
CARDIUM A MU#1 TOTAL	27 599	0.50	0.45	7 200^b	3 454^b	3 746	41	151 900	
VIKING H SOLN	569	0.65	0.15	315^b			41		
VIKING H ASSOC	128	0.80	0.15	87^b	301^b	101	41	4 139	200
VIKING A ASSOC	12	0.75	0.15	8^b			41		64
VIKING A SOLN	2 226	0.65	0.15	1 230^b			41		
VIKING A ASSOC	257	0.75	0.15	164^b			41		469
VIKING A TOTAL	2 495	0.65	0.15	1 402^b	1 264^b	138	41	5 697	
GLAUCONITIC D ASSOC	550	0.80	0.10	396	195	201	40	8 032	2 741
GLAUCONITIC C	8 526	0.70	0.10	5 371			40		8 820
ELLERSLIE G	2 035	0.50	0.10	916			39		2 265
GLAUC C & ELRSL G TOTAL	10 561	0.65	0.10	6 287	2 755	3 532	40	141 598	
GLAUCONITIC A ASSOC	650	0.80	0.15	442^b			41		904
GLAUCONITIC A SOLN	577	0.26	0.35	98^b			41		
GLAUC A & ELLERSLIE D TOTAL	1 227	0.55	0.20	540^b	140^b	400	41	16 296	
OSTRACOD E	598	0.85	0.10	457	94	363	39	14 222	1 222
ROCK CREEK K	556	0.90	0.10	450	44	406	39	15 988	200
OTHER	8 347			4 942	1 551	3 391		136 600	
TOTAL-WILLESDEN GREEN	53 185			22 399	9 984	12 415		499 881	
WILLINGDON 055-15W4									
TOTAL-WILLINGDON	5 554			3 460	2 522	938		35 197	
WILLOW 028-17W4									
TOTAL-WILLOW	897			599	199	400		15 182	
WILSON CREEK 043-04W5									
BELLY RIVER A ASSOC	222	0.55	0.10	110^b			39		1 248
BELLY RIVER A SOLN	897	0.65	0.20	466^b			39		
BELLY RIVER A ASSOC	14	0.70	0.10	9^b			39		107
BELLY RIVER A & M TOTAL	1 133	0.65	0.20	585^b	266^b	319	39	12 441	
GLAUCONITIC A ASSOC	2 907	0.15	0.10	392^b	246^b	146	40	5 821	7 557
GLAUCONITIC B	655	0.85	0.10	501	242	259	39	10 161	1 068
PEKISKO A	1 415	0.85	0.15	1 023	739	284	40	11 437	2 540
PEKISKO B	4 063	0.35	0.15	1 209	549	660	41	27 199	6 881
BANFF C	767	0.85	0.15	554	513	41	41	1 666	1 208
OTHER	2 241			1 421	838	583		23 407	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
1.83	0.300	0.80	4 520	22	0.918	0.60	631.3	1963	1992	PRODUCTION DECLINE ASSIGNED WELL 03-26-047-05W4M
1.52	0.300	0.80	4 520	22	0.918	0.60	596.7	1963	1992	PRODUCTION DECLINE ASSIGNED WELL 11-26-047-05W4M
1.12	0.260	0.70	4 530	21	0.919	0.59	597.6	1963	1990	PRODUCTION DECLINE
1.03	0.300	0.60	4 530	24	0.922	0.59	598.8	1963	1990	PRODUCTION DECLINE
								1963	1995	AMOCO TCPL HUSKY NORCEN TALISMA GPP
1.85	0.199	0.55	7 800	33	0.876	0.59	948.5	1953	1997	TCPL CDNFRST WASCANA
						0.68		1955	1989	AMOCO IOL NORCEN PRODUCTION DECLINE CONCURRENT PRODUCTION
2.63	0.141	0.75	9 130	41	0.812	0.68	1 543.3	1955	1989	AMOCO IOL NORCEN PRODUCTION DECLINE CONCURRENT PRODUCTION
1.38	0.117	0.50	20 170	64	0.806	0.72	1 771.0	1954	1997	CONCURRENT PRODUCTION
						0.72		1954	1997	CONCURRENT PRODUCTION
2.94	0.098	0.35	19 830	66	0.802	0.75	1 831.8	1954	1996	
0.78	0.077	0.85	17 220	52	0.787	0.67	1 780.1	1954	1997	
								1954	1997	CRESTAR GARDNER ENGAGE TCPL RIFE PROGAS POCO NORCEN IOL DIRECT APACHE CDNFRST TALISMA CONCURRENT PRODUCTION
						0.76		1983	1994	TCPL APACHE CONCURRENT PRODUCTION
3.63	0.129	0.60	23 690	78	0.841	0.76	2 244.9	1983	1994	TCPL APACHE CONCURRENT PRODUCTION
1.83	0.080	0.70	17 170	76	0.796	0.77	2 155.2	1956	1994	CONCURRENT PRODUCTION
						0.77		1956	1994	CONCURRENT PRODUCTION
3.17	0.129	0.70	19 220	79	0.810	0.77	2 317.8	1956	1994	
								1956	1994	AMOCO SHELL APACHE TCPL ENGAGE NORCEN POCO GARDNER CRESTAR CONCURRENT PRODUCTION
4.36	0.123	0.75	18 410	97	0.877	0.70	2 246.7	1981	1997	PRODUCTION DECLINE OIL DEPLETED
6.04	0.114	0.60	25 500	78	0.883	0.70	2 371.1	1958	1996	
4.60	0.108	0.80	24 400	79	0.872	0.73	2 340.1	1964	1995	
								1958	1996	TARRAGN NRTHSTR POCO NORCEN CGGS APACHE PROGAS QUEBEC ENGAGE CRESTAR
2.66	0.134	0.85	24 740	78	0.845	0.79	2 266.8	1962	1997	SOLN MU-GLAUC A & ELRS D, GPP
						0.79		1962	1997	SOLN MU-GLAUC A & ELRS D, GPP
								1962	1997	CRESTAR CGGS APACHE QUEBEC GARDNER ENGAGE GPP
3.10	0.111	0.80	19 040	81	0.860	0.69	2 483.0	1988	1996	
12.45	0.140	0.75	22 390	80	0.848	0.76	2 362.0	1994	1996	
2.82	0.147	0.55	5 900	40	0.877	0.68	1 275.1	1979	1995	PRODUCTION DECLINE CONCURRENT PRODUCTION, OIL DEPLETED
						0.68		1979	1995	PRODUCTION DECLINE CONCURRENT PRODUCTION, OIL DEPLETED
1.65	0.120	0.65	9 270	40	0.832	0.64	1 261.7	1979	1996	ASSIGNED WELL 16-17-043-04W5M
								1979	1997	CONCURRENT PRODUCTION, OIL DEPLETED
3.25	0.109	0.65	17 750	82	0.851	0.70	2 060.9	1970	1995	AMOCO NORCEN POCO PROGAS TCPL GPP
3.79	0.117	0.70	17 950	57	0.783	0.75	2 091.2	1967	1995	TCPL NORCEN PANCDN
6.32	0.066	0.75	19 040	86	0.847	0.76	2 136.5	1960	1997	POCO CHEL
6.42	0.062	0.85	18 600	84	0.852	0.71	2 159.9	1966	1997	AMOCO TARRAGN NORCEN TCPL PROGAS PANCDN PRODUCTION DECLINE
3.96	0.090	0.75	19 030	84	0.834	0.77	2 123.4	1979	1995	PROGAS TCPL PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE $10^6 m^3$	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES $10^6 m^3$	5 NET CUMULATIVE PRODUCTION $10^6 m^3$	6 REMAINING ESTABLISHED RESERVES $10^6 m^3$	7 GROSS HEAT VALUE MJ/m^3	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
WILSON CREEK 043-04W5 (CONTINUED)									
TOTAL-WILSON CREEK	13 181			5 685	3 393	2 292		92 132	
WIMBORNE 034-26W4									
BELLY RIVER B	777	0.65	0.05	480	271	209	36	7 530	5 119
D-2 A SOLN	711	0.65	0.25	347	33	314	36	11 279	
D-2 B ASSOC	1 297	0.85	0.40	661[b]			41		1 513
D-2 B SOLN	336	0.65	0.40	131[b]			41		
NISKU B ASSOC	93	0.75	0.10	63[b]			38		135
D-2 B TOTAL	1 726	0.80	0.40	855[b]	240[b]	615	40	24 840	
D-3 A SOLN	2 678	0.60	0.30	1 125[b]			35		
D-3 A ASSOC	10 155	0.60	0.25	4 570[b]	5 663[b]	32	35	1 111	5 522
OTHER	1 253			761	462	299		11 417	
TOTAL-WIMBORNE	17 300			8 138	6 669	1 469		56 177	
WINCHELL COULEE 029-06W5									
TOTAL-WINCHELL COULEE	153			105	50	55		2 195	
WINDFALL 060-15W5									
D-2 A ASSOC	1 259	0.75	0.35	614	89	525	38	20 097	400
D-3 A SOLN	4 502	0.65	0.35	1 902[b]			42[a]		
D-3 A ASSOC	21 288	c	c	7 560[b]	8 025[b]	1 437	42[a]	60 958	4 738
OTHER	6 556			2 959	1 576	1 383		53 363	
TOTAL-WINDFALL	33 605			13 035	9 690	3 345		134 418	
WINDY 049-04W4									
TOTAL-WINDY	823			531	324	207		7 191	
WINTERING HILLS 025-17W4									
MILK RIVER A	1 940	0.50	0.05	922			36		22 549
MEDICINE HAT A	5 861	0.70	0.03	3 980			36		55 909
SECOND WHITE SPECKS A	18	0.70	0.05	12			36		200
SECOND WHITE SPECKS B	25	0.70	0.05	17			37		348
SECOND WHITE SPECKS C	8	0.70	0.05	6			37		200
SE ALTA GAS SYS(MU) TOTAL	7 852	0.65	0.05	4 937	642	4 295	36	156 639	
UPPER MANNVILLE K	563	0.85	0.10	431	208	223	38	8 474	2 338
LOWER MANNVILLE C	485	0.85	0.10	371	225	146	39	5 665	2 539
ELLERSLIE A ASSOC	2 767	0.70	0.10	1 743[b]	629[b]	1 114	39	43 368	5 047
OTHER	4 079			2 611	1 422	1 189		45 070	
TOTAL-WINTERING HILLS	15 746			10 093	3 126	6 967		259 216	
WIZARD LAKE 048-27W4									
D-3 A SOLN	6 965	0.85	0.28	4 262[b]			47		
D-3 A ASSOC		0.85	0.10		-1 615[b]	5 877	47	276 278	
OTHER	1 959			1 295	584	711		27 841	
TOTAL-WIZARD LAKE	8 924			5 557	-1 031	6 588		304 119	
WOKING 075-05W6									
BLUESKY B	435	0.80	0.05	331	226	105	38	4 008	861
OTHER	2 405			1 609	586	1 023		39 086	
TOTAL-WOKING	2 840			1 940	812	1 128		43 094	
WOLF SOUTH 051-15W5									
ROCK CREEK A	600	0.85	0.10	459	25	434	40	17 347	200
ROCK CREEK B	962	0.75	0.10	650	52	598	39	23 167	1 239
OTHER	945			669	54	615		24 543	
TOTAL-WOLF SOUTH	2 507			1 778	131	1 647		65 057	
WOLVERINE 098-15W5									
BLUESKY A	457	0.70	0.05	304	220	84	37	3 071	15 090
GETHING-WABAMUN A	386	0.60	0.05	220			37		4 150
GETHING-WABAMUN A	3 222	0.60	0.05	1 836			37		26 745

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
3.36	0.192	0.60	4 040	39	0.939	0.59	1 018.9	1974	1997	TCPL PANALTA PROGAS POCO QUEBEC TALISMA
						0.77		1961	1997	TALISMA NORCEN OIL DEPLETED GPP
9.06	0.051	0.80	20 370	77	0.714	0.88	2 213.1	1956	1997	CONCURRENT PRODUCTION, GPP
						0.88		1956	1997	CONCURRENT PRODUCTION, GPP
5.97	0.080	0.85	17 570	77	0.845	0.72	2 206.6	1956	1997	ASSIGNED WELL 00/8-3-34-26W4M
								1956	1997	NORCEN TCPL TALISMA CONCURRENT PRODUCTION, GPP
						0.82		1954	1994	TCPL TALISMA PRODUCTION DECLINE CONCURRENT PRODUCTION
12.73	0.080	0.90	20 750	80	0.839	0.82	2 278.1	1954	1994	TCPL TALISMA PRODUCTION DECLINE CONCURRENT PRODUCTION
12.50	0.120	0.95	23 620	96	0.824	0.89	2 523.6	1978	1997	PROGAS GAS PROD BEFORE OIL DISC. OIL DEPLETED
						0.85		1955	1987	AMOCO TALISMA PREV GAS CYCLING, BLOWDOWN, GPP
32.92	0.064	0.85	26 100	104	0.856	0.85	2 581.9	1955	1987	AMOCO TALISMA PREV GAS CYCLING, BLOWDOWN, GPP
3.34	0.154	0.55	3 140	16	0.938	0.56	478.9	1910	1994	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
2.43	0.170	0.55	4 310	17	0.916	0.56	603.0	1904	1987	PART OF MED HAT POOL NO.1
1.75	0.169	0.50	5 690	28	0.905	0.57	834.9	1944	1990	PART OF 2WS POOL NO.1
1.17	0.180	0.55	5 930	31	0.904	0.57	803.4	1979	1993	
1.00	0.120	0.55	6 160	32	0.902	0.57	831.0	1979	1991	
								1904	1994	PROGAS TARRAGN TCPL PANALTA IOL PANCDN CANST POCO CRESTAR TALISMA ENGAGE
1.52	0.215	0.70	9 810	44	0.836	0.66	1 170.9	1979	1997	TCPL IOL PANCDN
2.31	0.170	0.50	9 930	34	0.813	0.65	1 194.7	1955	1997	TCPL IOL PANCDN PRODUCTION DECLINE
5.82	0.173	0.50	9 750	39	0.816	0.66	1 150.0	1963	1995	PANCDN TCPL CRESTAR PART OF ELRSL POOL NO.1 CONCURRENT PRODUCTION
						0.92		1951	1993	GAS BREAKTHRU GPP
						0.92		1951	1993	GAS BREAKTHRU GPP
1.91	0.180	0.60	12 160	51	0.851	0.60	1 406.0	1959	1986	CRESTAR PROGAS CWNGNUL PANALTA AEL MATERIAL BALANCE
11.80	0.150	0.85	21 230	84	0.848	0.75	2 600.6	1981	1994	
5.65	0.097	0.75	22 450	100	0.906	0.70	2 615.5	1992	1995	
0.97	0.271	0.25	2 660	16	0.946	0.58	368.5	1976	1996	NRTHSTR CANOXY QUEBEC PRODUCTION DECLINE
3.22	0.301	0.35	2 630	15	0.946	0.57	418.8	1976	1996	
10.54	0.118	0.35	2 640	14	0.945	0.58	387.1	1976	1996	

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS	2	3	4 MARKETABLE GAS	5	6	7	8	9
	INITIAL VOLUME IN PLACE $10^6 m^3$	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES $10^6 m^3$	NET CUMULATIVE PRODUCTION $10^6 m^3$	REMAINING ESTABLISHED RESERVES $10^6 m^3$	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	AREA ha
WOLVERINE 098-15W5 (CONTINUED)									
GETHING-WABAMUN A	57	0.65	0.05	35			37		1 095
GETHING-WABAMUN A	63	0.65	0.05	39			37		451
GETHING-WABAMUN A	6	0.65	0.05	4			37		69
GETHING-WABAMUN A	4	0.60	0.05	2			37		150
GETHING-WABAMUN A TOTAL	3 738	0.60	0.05	2 136	591	1 545	37	56 841	
OTHER	14			7		7		264	
TOTAL-WOLVERINE	4 209			2 447	811	1 636		60 176	
WOOD RIVER 043-23W4									
LOWER MANNVILLE B	545	0.80	0.15	371	278	93	41	3 808	406
OTHER	2 793			1 587	587	1 000		38 371	
TOTAL-WOOD RIVER	3 338			1 958	865	1 093		42 179	
WOODENHOUSE 087-22W4									
TOTAL-WOODENHOUSE	605			299	153	146		5 221	
WOODLAND 060-19W4									
TOTAL-WOODLAND	342			221	66	155		5 630	
WORKMAN 031-26W4									
TOTAL-WORKMAN	257			173	141	32		1 252	
WORSLEY 087-07W6									
CHARLIE LAKE B SOLN	537	0.65	0.60	140[b]			39		
CHARLIE LAKE B ASSOC	488	0.80	0.10	351[b]	195[b]	296	39	11 467	1 444
D-3 A	651	0.85	0.07	514	514	< 1	37	-	1 367
D-3 D	1 520	0.85	0.07	1 202	1 202	< 1	34	-	440
D-3 E	816	0.75	0.10	551	551	< 1	35	-	400
D-3 G	1 920	0.40	0.10	691	670	21	37	769	1 351
D-3 N	402	0.85	0.10	308	29	279	35	9 790	200
D-3 B	827	0.90	0.07	692			36		2 076
D-3B & GRANITE WASH B TOTAL	827	0.90	0.05	692	682	10	36	365	
GRANITE WASH A	540	0.85	0.10	413	413	< 1	37	-	100
OTHER	3 651			2 283	719	1 564		57 876	
TOTAL-WORSLEY	11 352			7 145	4 975	2 170		80 267	
WRENTHAM 006-16W4									
TOTAL-WRENTHAM	92			52	2	50		1 868	
WROE (SA) 056-25W5									
TOTAL-WROE	146			77		77		2 921	
YEKAU LAKE 052-26W4									
TOTAL-YEKAU LAKE	620			351	106	245		9 171	
YOUNGSTOWN 031-10W4									
TOTAL-YOUNGSTOWN	324			187	68	119		4 473	
ZAMA 118-05W6									
SULPHUR POINT H	472	0.85	0.25	301		301	41	12 488	507
OTHER	8 160			4 355	1 835	2 520		97 733	
TOTAL-ZAMA	8 632			4 656	1 835	2 821		110 221	
ZEUES (SA) 119-11W6									
TOTAL-ZEUES	9			6		6		224	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
1.26	0.274	0.55	2 630	15	0.946	0.57	391.4	1976	1995	
2.72	0.310	0.60	2 630	15	0.946	0.57	373.1	1976	1996	
1.41	0.330	0.65	2 650	15	0.945	0.57	435.9	1976	1995	
1.10	0.180	0.60	2 220	15	0.954	0.57	343.5	1976	1996	ASSIGNED WELL 00/05-25-099-17W5M
								1976	1997	CANOXY NRTHSTR HUSKY NORCEN QUEBEC
5.76	0.162	0.70	10 470	51	0.795	0.76	1 422.5	1958	1979	TCPL BLUERGE MATERIAL BALANCE NONCOMMERCIAL OIL
						0.63		1975	1994	PANALTA CONCURRENT PRODUCTION, GPP
3.00	0.161	0.75	8 790	42	0.850	0.63	1 028.3	1975	1994	PANALTA CONCURRENT PRODUCTION, GPP
8.53	0.059	0.80	22 820	85	0.906	0.67	2 252.9	1960	1996	
12.20	0.099	0.80	21 330	83	0.907	0.70	2 142.0	1961	1987	
15.85	0.104	0.80	21 230	76	0.906	0.66	2 299.3	1965	1987	
13.76	0.070	0.80	22 750	83	0.900	0.68	2 222.9	1959	1994	PRODUCTION DECLINE
14.90	0.080	0.90	20 770	79	0.895	0.69	2 343.2	1989	1996	TCPL HUSKY
17.81	0.032	0.80	22 380	77	0.899	0.65	2 216.4	1960	1994	MATERIAL BALANCE
								1960	1997	SUNCOR WAINOCO GPP
25.00	0.180	0.85	20 250	108	0.919	0.69	2 263.7	1975	1994	
7.32	0.095	0.85	12 820	49	0.719	0.83	1 334.9	1966	1997	PROGAS

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	ha
TOTAL NON-CONFIDENTIAL POOLS	6 395 832			3 711 710	2 432 711	1 278 999		48 972 481	
TOTAL CONFIDENTIAL POOLS	7 807			4 907		4 907		184 605	
PROVINCIAL TOTAL	6 403 639			3 716 617	2 432 711	1 283 906		49 157 086	
ETHANE AND NGL RECOVERABLE AT REPROCESSING PLANTS						41 806		3 390 000	
PROVINCIAL RESERVES MINUS ETHANE AND NGL						1 242 100		45 767 086	
WITHIN ECONOMIC REACH	6 375 963			3 702 811	2 432 711	1 270 100		48 638 281	
BEYOND ECONOMIC REACH	27 676			13 806		13 806		518 805	
ASSOCIATED	780 609			515 190[b]	563 069[b]	222 689		8 897 767	
SOLUTION	944 341			270 568[b]					
NON-ASSOCIATED	4 678 689			2 930 859	1 869 642	1 061 217		40 259 319	

[a] MEASURED HEATING VALUE.
[b] INCLUDES SOLUTION GAS PRODUCTION.
[c] POOL RECOVERY AND SURFACE LOSS CALCULATED ON AN ENERGY BASIS. SEE TABLE 4-2.

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m KB	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS

5 ETHANE CONTENT OF GAS

This chapter discusses the 1997 production of ethane and presents the Board's estimate of the total volume of ethane contained in the remaining established reserves of gas. Although the Board believes that ethane extraction at crude-oil refineries and at plants processing synthetic crude oil may become viable in the future, it has not attempted to estimate the prospective reserves from those sources. The effect of future ethane recovery at gas reprocessing plants on Alberta's remaining established reserves of marketable gas is discussed in Chapter 4.

Ethane is defined in the Oil and Gas Conservation Act as "in addition to its normal scientific meaning, a mixture mainly of ethane which ordinarily may contain some methane or propane". Although the 1997 ethane recovery data conform with this definition, the ethane reserve estimates are calculated on the basis of ethane product assumed to be 100 per cent ethane.

Ethane volumes are given in the standard unit of cubic metres of ethane liquid at equilibrium pressure and 15 degrees Celsius. However, in Table 5-1, ethane reserves are also given in cubic metres of ethane gas at 101.325 kilopascals and 15 degrees Celsius. A conversion factor of 0.003 55 cubic metres of ethane liquid per cubic metre of ethane gas is used.

5.1 Ethane in the Remaining Established Reserves of Gas

The Board has developed a computer file of compositional gas analyses, which has been used extensively in preparing the ethane reserve estimates in this section. Where a gas analysis was not available for a particular pool, a field or area average for the zone was used.

As shown in Table 5-1, the ethane content in liquefied form of the total remaining established reserves of marketable gas is some 245 million cubic metres, some 188 million of which is in currently producing pools and the remaining 57 million in unconnected or deferred pools. Of the ethane content in unconnected pools, some 1.9 million cubic metres is in pools currently considered beyond economic reach and some 0.6 million in confidential pools. These reserves exclude volumes of ethane recoverable from solvent flood banks.

The Board has also estimated the contribution to reserves of the ethane component of the solvent bank injected into several pools throughout the province to enhance oil recovery. Pool recovery factors based on Board studies were used to estimate the solvent bank recoverable from each pool. An evaluation of both the injected and reproduced solvent volumes has resulted in the Board's estimates of the ethane volume recoverable from solvent floods. The 1997 estimate of ethane "Recoverable from Solvent Floods" (as stated at the end of Table 5-1) excludes volumes contained in push gas, as these volumes are included under the individual pool reserve estimates.

For individual gas pools, the ethane content of marketable gas in Alberta, with few exceptions, falls within the range of 0.002 5 to 0.20 mole per mole. The 31 December 1997 volume-weighted average ethane content of all remaining established marketable gas was 0.054 mole per mole, as indicated in Table 5-1.

5.2 Extraction of Specification Ethane in 1997

During 1997, levels of production increased at the Petro-Can Empress plant. The result was an overall increase in extraction of specification ethane from 10 862 thousand cubic metres in 1996 to 11 017 thousand cubic metres in 1997, an increase of 1.4 per cent.

5.3 Extraction of Ethane-plus Product in 1997

The total production of ethane-plus for 1997 was 4941 thousand cubic metres with an estimated ethane content of approximately 0.62 mole per mole.

TABLE 5-1 **Ethane in the Remaining Established Reserves of Gas**
As at 31 December 1997

Fields	Remaining Established Reserves of Marketable Gas	Ethane Content[a]	Volume of Ethane	
	10^6 m^3	mol/mol	10^6 m^3 (gas)	10^6 m^3 (liquid)
Major Fields				
Bonnie Glen	9 442	0.165	1 560	5.54
Brazeau River	22 395	0.094	2 114	7.50
Caroline	20 529	0.175	3 591	12.75
Elmworth	21 085	0.064	1 355	4.81
Kaybob South	17 902	0.104	1 861	6.61
Pembina	22 721	0.093	2 123	7.54
Rainbow	12 586	0.12	1 511	5.36
Ricinus	17 858	0.078	1 415	5.02
Sylvan Lake	9 464	0.096	911	3.23
Valhalla	13 484	0.071	963	3.42
Wapiti	12 611	0.074	937	3.33
Willesden Green	12 413	0.102	1 267	4.50
Subtotal	192 487	0.102	19 608	70

TABLE 5-1 (continued)

Fields	Remaining Established Reserves of Marketable Gas	Ethane Content[a]	Volume of Ethane	
	10^6 m^3	mol/mol	10^6 m^3 (gas)	10^6 m^3 (liquid)
Fields with over 1.50×10^9 m^3 of remaining established marketable gas but under 3.0×10^6 m^3 of ethane reserves	814 864	0.047	38 673	137
Subtotal	1 007 339	0.058	58 281	207
All other remaining established reserves of marketable gas	274 758	0.039	10 801	38
Total	1 282 097	0.054	69 082	245
Recoverable from solvent floods			6 730	24
Provincial Total			75 812 (2 691)[b]	269 (1 703)[c]

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[a] Volume-weighted average. In several fields, ethane is extracted at field plants such that the actual ethane content of marketable gas from these fields is substantially less than this calculated content.

[b] Imperial equivalent in billions of cubic feet.

[c] Imperial equivalent in millions of barrels.

6 RESERVES OF NATURAL GAS LIQUIDS

Natural gas liquids are defined in the Oil and Gas Conservation Act as "propane, butanes, or pentanes plus, or a combination of them, obtained from the processing of raw gas or condensate". For the purposes of this report, condensate recovered in stock tanks and marketed without processing is included in the reserves of pentanes plus. Also included in the pentanes plus category are higher-vapour-pressure products that contain substantial quantities of butanes recovered at several plants throughout the province.

6.1 Provincial Summary

The Board estimates the remaining established reserves of natural gas liquids in the province as at 31 December 1997 to be 238 million cubic metres. During 1997, the Board continued to improve its computerized database. Although this effort has not significantly affected the provincial reserves, it has caused some minor variations in reserves associated with specific formations. Overall, the Board believes this year's estimates are an improvement over previous ones. The changes in the reserves during the past year are tabulated below:

	Established Reserves			
	Propane	**Butanes**	**Pentanes Plus**	**Total**
	10^6 m^3 (liquid)			
Remaining at 31 December 1996	103.0	58.5	102.0	263.5
Additions during 1997	– 3.4	– 2.7	2.4	– 3.7
Less net production[a] during 1997	8.2	3.8	9.3	21.3
Remaining at 31 December 1997	91.4	51.9[b]	95.1	238.4[b]
	(575.7)[c]	(327.1)[c]	(598.3)[c]	(1 501.1)[c]
Cumulative net production[a] to 31 December 1997	170.1	99.2	240.5	509.8
Initial established reserves at 31 December 1997	261.5	151.1	335.6	748.2
	(1 647.5)[c]	(951.4)[c]	(2 111.9)[c]	(4 710.8)[c]

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[a] Net production means production less those volumes returned to the formation or injected to enhance the recovery of oil.

[b] Discrepancies are due to rounding.

[c] Imperial equivalent in millions of barrels.

Also during 1997 propane and butanes recovery at crude-oil refineries was 363.0 and 987.1 thousand cubic metres, respectively. Although propane and butanes are potentially recoverable at other crude-oil refineries and from processing crude bitumen, the Board has not attempted to estimate the prospective reserves from those sources.

6.2 Major Changes to Recoverable Reserves of Natural Gas Liquids

During 1997 changes to the reserves of natural gas liquids occurred as a result of reserves additions and deletions, re-evaluation of plant recovery efficiencies and gas and liquids production. The most notable of these changes were decreases in the Caroline, Wapiti and Swan Hills fields and increases in the Hamburg and Ricinus fields. The overall result of the changes is a significant reduction in the remaining reserves of natural gas liquids compared to 1996 levels, as shown in the tabulation in Section 6.1.

6.3 Determination of Recoverable Reserves of Natural Gas Liquids

The remaining established reserves of natural gas liquids consist of liquids that are expected to be extracted from the province's remaining established reserves of raw gas. The liquids recoverable from pools currently producing and connected to gas processing plants were generally determined using remaining recoverable raw-gas reserves, a raw-gas analysis, and the current plant recovery efficiency for each component. For retrograde condensate pools where gas is cycled, product recoveries have been determined from individual reservoir studies having regard for anticipated future cycling and blowdown operations.

For those pools not currently connected or on production, the Board estimated whether or not the gas would be processed for liquid recovery and, if so, the recovery efficiency for each component. This estimate was made on a broad judgement basis having regard for the gas composition in those pools. Confidential reserves and those considered beyond economic reach are included in the unconnected-reserve category.

The natural gas liquid reserves recoverable at reprocessing plants have been estimated by multiplying the remaining marketable gas reserves by the historic ratio of liquid production to marketable gas production. This assumes that both the liquid content of marketable gas and the portion of marketable gas to be reprocessed will remain constant. The Board believes that the approach gives a reasonable indication of the natural gas liquids recoverable at reprocessing plants.

Natural gas liquids recoverable from solvent floods were not estimated for year-end 1997 because of the need to review the procedure used to estimate these volumes. These volumes represent only a minimal portion of the provincial reserves of natural gas liquids. It is anticipated that the Board will review the procedures and estimate these volumes for year-end 1998.

The following tabulation shows the natural gas liquid reserves broken down into connected and unconnected categories. These reserves exclude volumes recoverable at reprocessing plants and from solvent-flood production.

	Remaining Established Reserves As at 31 December 1997			
	Propane	**Butanes**	**Pentanes Plus**	**Total**
	10^6 m^3 (liquid)			
Connected	37.4	27.2	73.5	138.1
Unconnected	16.6	8.9	14.2	39.7
Total	54.0	36.1	87.7	177.8

6.4 Discussion of Reserves Table 6-1

The Board's current estimates of the remaining established reserves of natural gas liquids are detailed in Table 6-1. Fields containing 800 000 cubic metres or more of recoverable liquids are listed individually and those containing less are grouped under the **Beyond Economic Reach**, **Confidential**, and **Other Small Reserves** categories. Provincial reserves recoverable at reprocessing plants and from solvent-flood schemes are not included in the reserves for the individual pools but are shown as totals at the end of the table.

TABLE 6-1 Remaining Established Reserves of Natural Gas Liquids

As at 31 December 1997

	1	2	3	4	5	6	7	8	9
Field	**Zone**	**Remaining Reserves of Marketable Gas**	**Liquid Recovery Ratio**			**Remaining Established Reserves of Natural Gas Liquids**			
			Propane	**Butanes**	**Pentanes Plus**	**Propane**	**Butanes**	**Pentanes Plus**	**Total**
		10^6 m^3	$m^3/10^6$ m^3 of marketable gas			10^3 m^3			
Ansell	Cardium	1 977	69	81	198	137	160	391	688
	Viking	428	37	16	86	16	7	37	60
	Mannville	1 740	35	34	74	61	59	128	248
	Subtotal					214	226	556	996
Bonnie Glen	Cardium	67	134	60	60	9	4	4	17
	Mannville	297	121	61	64	36	18	19	73
	Leduc[a]	9 078	-	-	-	750	390	882	2 022
	Subtotal					795	412	905	2 112
Brazeau River	Viking	4 852	102	55	205	496	268	994	1 758
	Jurassic	2 757	97	54	276	268	150	760	1 178
	Mississippian	4 176	-	-	90	-	-	374	374
	Winterburn[a]	10 584	-	-	-	816	668	2 729	4 213
	Subtotal					1 580	1 086	4 857	7 523
Caroline	Cardium	1 560	169	99	192	264	155	300	719
	Viking	406	133	69	86	54	28	35	117
	Mannville	3 776	149	79	173	563	299	655	1 517
	Mississippian	1 879	112	75	155	210	141	292	643
	Beaverhill Lake	12 048	352	443	1 146	4 241	5 337	13 807	23 385
	Subtotal					5 332	5 960	15 089	26 381
Cranberry	Beaverhill Lake	3 620	66	68	206	240	245	745	1 230
	Elk Point	732	5	5	64	4	4	47	55
	Subtotal					244	249	792	1 285
Crossfield	Mannville	2 027	59	41	95	120	83	193	396
	Jurassic	40	125	50	225	5	2	9	16
	Mississippian[a]	4 182	-	-	-	350	239	485	1 074
	Wabamun	2 092	7	6	28	14	12	58	84
	Subtotal					489	336	745	1 570
Dunvegan	Triassic	729	32	18	37	23	13	27	63
	Mississippian	11 071	64	38	83	709	423	918	2 050
	Wabamun	281	110	71	192	31	20	54	105
	Subtotal					763	456	999	2 218

TABLE 6-1 (continued)

	1	2	3	4	5	6	7	8	9
Field	**Zone**	**Remaining Reserves of Marketable Gas**	**Liquid Recovery Ratio**			**Remaining Established Reserves of Natural Gas Liquids**			
			Propane	**Butanes**	**Pentanes Plus**	**Propane**	**Butanes**	**Pentanes Plus**	**Total**
		10^6 m^3	$m^3/10^6$ m^3 of marketable gas			10^3 m^3			
Edson	Cardium	548	130	89	162	71	49	89	209
	Viking	637	8	8	78	5	5	50	60
	Mannville	1 719	106	59	117	182	101	201	484
	Jurassic	387	106	62	230	41	24	89	154
	Mississippian	2 235	-	-	101	-	-	225	225
	Subtotal					299	179	654	1 132
Elmworth	Cardium	1 396	112	54	53	156	76	74	306
	Cadotte	1 447	32	16	26	46	23	38	107
	Mannville	15 060	46	21	51	690	317	773	1 780
	Triassic	1 314	12	11	73	16	15	96	127
	Subtotal					908	431	981	2 320
Ferrier	Belly River	221	127	59	36	28	13	8	49
	Cardium	2 714	135	51	70	367	139	189	695
	Viking	132	114	30	45	15	4	6	25
	Mannville	1 156	83	35	111	96	40	128	264
	Jurassic	356	115	56	124	41	20	44	105
	Mississippian	1 662	-	-	99	-	-	164	164
	Subtotal					547	216	539	1 302
Garrington	Cardium	123	171	89	301	21	11	37	69
	Viking	399	98	55	95	39	22	38	99
	Mannville	3 069	163	85	109	500	262	334	1 096
	Jurassic	170	106	71	88	18	12	15	45
	Mississippian	1 574	97	69	105	152	108	166	426
	Wabamun	838	62	63	136	52	53	114	219
	Leduc	1 720	75	72	158	129	124	271	524
	Subtotal					911	592	975	2 478
Gilby	Cardium	112	116	71	98	13	8	11	32
	Mannville	2 605	86	49	77	225	128	200	553
	Jurassic	1 713	69	47	48	118	80	82	280
	Mississippian	1 854	67	45	65	125	83	120	328
	Wabamun	61	131	66	49	8	4	3	15
	Leduc	72	111	69	83	8	5	6	19
	Subtotal					497	308	422	1 227
Gold Creek	Mannville	1 860	22	11	71	41	21	132	194
	Jurassic	414	85	34	27	35	14	11	60
	Triassic	914	38	24	59	35	22	54	111
	Wabamun	3 853	-	-	501	-	-	1 929	1 929
	Subtotal					111	57	2 126	2 294

TABLE 6-1 (continued)

	1	2	3	4	5	6	7	8	9
Field	**Zone**	**Remaining Reserves of Marketable Gas**	**Liquid Recovery Ratio**			**Remaining Established Reserves of Natural Gas Liquids**			
			Propane	**Butanes**	**Pentanes Plus**	**Propane**	**Butanes**	**Pentanes Plus**	**Total**
		10^6 m^3	m^3/10^6 m^3 of marketable gas			10^3 m^3			
Hamburg	Triassic	86	35	35	70	3	3	6	12
	Beaverhill Lake	4 817	31	36	208	150	173	1 004	1 327
	Subtotal					153	176	1 010	1 339
Harmattan East	Viking	162	74	62	49	12	10	8	30
	Mannville	440	225	98	125	99	43	55	197
	Mississippian[a]	6 823	-	-	-	35	22	38	95
	Subtotal					146	75	101	322
Harmattan-Elkton	Mississippian[a]	8 152	-	-	-	195	181	552	928
	Subtotal					195	181	552	928
Hussar	Viking	326	12	6	25	4	2	8	14
	Mannville	4 510	73	43	58	327	196	263	786
	Mississippian	125	88	56	48	11	7	6	24
	Subtotal					342	205	277	824
Judy Creek	Beaverhill Lake	2 566	382	151	102	979	387	261	1 627
	Subtotal					979	387	261	1 627
Jumping Pound West	Mississippian	12 789	26	24	79	333	307	1 010	1 650
	Subtotal					333	307	1 010	1 650
Karr	Dunvegan	983	42	21	47	41	21	46	108
	Mannville	5 804	156	91	163	906	530	948	2 384
	Jurassic	494	53	26	43	26	13	21	60
	Triassic	408	29	17	47	12	7	19	38
	Wabamun	1 647	62	63	454	102	104	747	953
	Subtotal					1 087	675	1 781	3 543
Kaybob	Viking	281	18	14	57	5	4	16	25
	Mannville	3 179	26	19	42	82	60	132	274
	Beaverhill Lake[a]	1 871	-	-	-	250	257	429	936
	Subtotal					337	321	577	1 235

TABLE 6-1 (continued)

	1	2	3	4	5	6	7	8	9
Field	**Zone**	**Remaining Reserves of Marketable Gas**	**Liquid Recovery Ratio**			**Remaining Established Reserves of Natural Gas Liquids**			
			Propane	**Butanes**	**Pentanes Plus**	**Propane**	**Butanes**	**Pentanes Plus**	**Total**
		10^6 m^3	$m^3/10^6$ m^3 of marketable gas			10^3 m^3			
Kaybob South	Viking	342	58	41	61	20	14	21	55
	Mannville	9 552	63	39	76	604	370	726	1 700
	Jurassic	354	-	-	68	-	-	24	24
	Triassic	866	68	40	55	59	35	48	142
	Winterburn	1 244	121	108	511	150	134	636	920
	Beaverhill Lake[3]	5 484	-	-	-	466	422	1 695	2 583
	Subtotal					1 299	975	3 150	5 424
Knopcik	Belly River	138	22	29	51	3	4	7	14
	Viking	615	24	26	60	15	16	37	68
	Mannville	1 401	15	13	41	21	18	57	96
	Jurassic	1 501	26	29	78	39	43	117	199
	Triassic	9 816	23	25	103	226	242	1 015	1 483
	Subtotal					304	323	1 233	1 860
McLeod	Cardium	917	16	10	19	15	9	17	41
	Mannville	3 714	106	61	114	394	226	424	1 044
	Jurassic	1 381	96	59	144	132	82	199	413
	Beaverhill Lake	73	110	82	411	8	6	30	44
	Subtotal					549	323	670	1 542
Medicine River	Belly River	88	125	68	45	11	6	4	21
	Viking	99	192	111	121	19	11	12	42
	Mannville	3 115	112	60	69	350	188	215	753
	Jurassic	1 362	83	45	45	113	61	61	235
	Mississippian	2 498	118	64	77	296	159	193	648
	Leduc	332	217	151	337	72	50	112	234
	Subtotal					861	475	597	1 933
Minehead	Cardium	2 860	101	62	220	288	178	629	1 095
	Subtotal					288	178	629	1 095
Peco	Belly River	193	16	10	88	3	2	17	22
	Cardium	359	100	70	382	36	25	137	198
	Viking	185	114	59	92	21	11	17	49
	Mannville	2 041	99	63	311	202	129	634	965
	Jurassic	256	109	55	47	28	14	12	54
	Winterburn	1 076	44	33	46	47	36	49	132
	Subtotal					337	217	866	1 420

TABLE 6-1 (continued)

	1	2	3	4	5	6	7	8	9
Field	Zone	Remaining Reserves of Marketable Gas	Liquid Recovery Ratio			Remaining Established Reserves of Natural Gas Liquids			
			Propane	Butanes	Pentanes Plus	Propane	Butanes	Pentanes Plus	Total
		10^6 m^3	$m^3/10^6$ m^3 of marketable gas			10^3 m^3			
Pembina	Belly River	2 487	83	41	81	207	103	202	512
	Cardium	4 077	153	109	96	623	446	392	1 461
	Viking	706	85	42	62	60	30	44	134
	Mannville	5 522	80	44	88	443	245	487	1 175
	Jurassic	3 095	116	68	123	360	211	380	951
	Mississippian	1 132	88	52	80	100	59	90	249
	Winterburn	5 658	204	97	141	1 154	550	796	2 500
	Subtotal					2 947	1 644	2 391	6 982
Pine Creek	Belly River	100	-	-	120	-	-	12	12
	Cardium	125	-	-	176	-	-	22	22
	Mannville	3 104	35	25	201	110	77	625	812
	Jurassic	982	14	10	41	14	10	40	64
	Triassic	223	4	4	31	1	1	7	9
	Mississippian	230	-	-	57	-	-	13	13
	Wabamun	982	5	5	16	5	5	16	26
	Beaverhill Lake	266	120	86	60	32	23	16	71
	Subtotal					162	116	751	1 029
Rainbow	Mannville	1 823	3	3	9	5	5	17	27
	Slave Point	297	71	44	141	21	13	42	76
	Sulphur Point	681	78	50	110	53	34	75	162
	Muskeg	377	180	85	66	68	32	25	125
	Keg River	9 366	168	86	66	1 569	806	617	2 992
	Subtotal					1 716	890	776	3 382
Rainbow South	Sulphur Point	404	17	10	62	7	4	25	36
	Muskeg	398	88	53	70	35	21	28	84
	Keg River	1 948	180	101	175	350	197	341	888
	Subtotal					392	222	394	1 008
Ricinus	Cardium[a]	11 069	-	-	-	588	378	445	1 411
	Viking	4 482	42	24	61	189	108	274	571
	Mannville	244	45	20	49	11	5	12	28
	Leduc	2 063	-	-	6	-	-	13	13
	Subtotal					788	491	744	2 023
Shekilie	Sulphur Point	121	99	58	66	12	7	8	27
	Keg River	1 996	181	108	103	362	215	205	782
	Subtotal					374	222	213	809

TABLE 6-1 (continued)

	1	2	3	4	5	6	7	8	9
Field	**Zone**	**Remaining Reserves of Marketable Gas**	**Liquid Recovery Ratio**			**Remaining Established Reserves of Natural Gas Liquids**			
			Propane	**Butanes**	**Pentanes Plus**	**Propane**	**Butanes**	**Pentanes Plus**	**Total**
		10^6 m^3	$m^3/10^6$ m^3 of marketable gas			10^3 m^3			
Simonette	Dunvegan	1 189	124	56	52	147	66	62	275
	Mannville	596	45	20	49	27	12	29	68
	Leduc	917	220	164	434	202	150	398	750
	Beaverhill Lake	623	180	93	87	112	58	54	224
	Subtotal					488	286	543	1 317
Swan Hills	Beaverhill Lake	896	695	425	232	623	381	208	1 212
	Subtotal					623	381	208	1 212
Swan Hills South	Beaverhill Lake	2 430	341	165	61	828	402	149	1 379
	Subtotal					828	402	149	1 379
Sylvan Lake	Viking	231	152	87	78	35	20	18	73
	Mannville	3 600	101	64	90	363	229	325	917
	Jurassic	1 733	108	70	115	188	121	199	508
	Mississippian	3 222	95	58	66	305	188	213	706
	Leduc	678	84	50	124	57	34	84	175
	Subtotal					948	592	839	2 379
Turner Valley	Mannville	178	152	62	34	27	11	6	44
	Mississippian	1 670	208	129	331	347	216	552	1 115
	Subtotal					374	227	558	1 159
Twining	Viking	371	57	32	35	21	12	13	46
	Mannville	772	63	45	76	49	35	59	143
	Mississippian	4 618	77	76	73	356	349	337	1 042
	Subtotal					426	396	409	1 231
Valhalla	Doe Creek	817	21	18	42	17	15	34	66
	Mannville	2 615	2	2	30	6	4	79	89
	Jurassic	56	107	54	71	6	3	4	13
	Triassic[a]	9 448	-	-	-	1 026	532	1 805	3 363
	Mississippian	86	70	58	291	6	5	25	36
	Subtotal					1 061	559	1 947	3 567
Virginia Hills	Mannville	108	83	37	37	9	4	4	17
	Mississippian	316	114	66	73	36	21	23	80
	Beaverhill Lake	1 176	522	209	135	614	246	159	1 019
	Subtotal					659	271	186	1 116

TABLE 6-1 (continued)

	1	2	3	4	5	6	7	8	9
Field	**Zone**	**Remaining Reserves of Marketable Gas**	**Liquid Recovery Ratio**			**Remaining Established Reserves of Natural Gas Liquids**			
			Propane	**Butanes**	**Pentanes Plus**	**Propane**	**Butanes**	**Pentanes Plus**	**Total**
		10^6 m^3	$m^3/10^6$ m^3 of marketable gas			10^3 m^3			
Wapiti	Cardium	674	212	108	82	143	73	55	271
	Dunvegan	933	15	6	25	14	6	23	43
	Mannville	8 325	26	12	31	213	100	261	574
	Jurassic	2 238	-	-	47	-	-	105	105
	Subtotal					370	179	444	993
Waterton	Mississippian[a]	6 899	-	-	-	136	113	843	1 092
	Wabamun	1 454	76	61	203	110	88	295	493
	Subtotal					246	201	1 138	1 585
Wayne-Rosedale	Viking	470	49	28	26	23	13	12	48
	Basal Colorado	298	17	13	10	5	4	3	12
	Mannville	3 234	79	50	59	256	161	191	608
	Winterburn	238	-	-	576	-	-	137	137
	Subtotal					284	178	343	805
Wembley	Dunvegan	393	-	-	64	-	-	25	25
	Mannville	278	14	7	14	4	2	4	10
	Triassic[a]	6 359	-	-	-	975	474	1 929	3 378
	Subtotal					979	476	1 958	3 413
Westerose	Mannville	1 493	127	64	68	189	95	102	386
	Wabamun	259	85	50	69	22	13	18	53
	Winterburn	86	-	-	151	-	-	13	13
	Leduc[a]	1 448	-	-	-	-	63	273	336
	Subtotal					211	171	406	788
Westerose South	Belly River	166	42	36	72	7	6	12	25
	Mannville	4 068	139	73	99	564	295	401	1 260
	Mississippian	553	125	67	83	69	37	46	152
	Wabamun	319	179	88	72	57	28	23	108
	Leduc[a]	10	-	-	-	-	3	19	22
	Subtotal					697	369	501	1 567
Westpem	Mannville	2 033	49	27	209	100	55	425	580
	Jurassic	1 348	28	17	155	38	23	209	270
	Winterburn[a]	1 073	-	-	-	155	89	127	371
	Subtotal					293	167	761	1 221

TABLE 6-1 (continued)

	1	2	3	4	5	6	7	8	9
Field	**Zone**	**Remaining Reserves of Marketable Gas**	**Liquid Recovery Ratio**			**Remaining Established Reserves of Natural Gas Liquids**			
			Propane	**Butanes**	**Pentanes Plus**	**Propane**	**Butanes**	**Pentanes Plus**	**Total**
		10^6 m^3	$m^3/10^6$ m^3 of marketable gas			10^3 m^3			
Willesden Green	Belly River	876	98	70	63	86	61	55	202
	Cardium	4 263	66	54	155	282	229	659	1 170
	Viking	441	211	127	159	93	56	70	219
	Mannville	5 299	135	76	161	717	403	855	1 975
	Jurassic	1 429	136	78	139	194	111	198	503
	Mississippian	105	57	29	114	6	3	12	21
	Subtotal					1 378	863	1 849	4 090
Wizard Lake	Mannville	641	28	14	69	18	9	44	71
	Leduc	5 877	346	199	60	2 033	1 170	353	3 556
	Subtotal					2 051	1 179	397	3 627
Subtotal						38 195	25 808	60 259	124 262
Reserves Beyond Economic Reach						357	211	772	1 340
Confidential Reserves						82	44	96	222
Other Small Reserves						15 281	10 002	26 570	51 853
Subtotal						53 915	36 065	87 697	177 677
Recoverable at Reprocessing Plants						37 460	15 880	7 380	60 720
Recoverable from Solvent Floods[b]						-	-	-	-
Total Reserves						91 375 (575.7)[c]	51 945 (327.1)[c]	95 077 (598.3)[c]	238 397 (1 501.1)[c]

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a Includes gas cycling pool. Gas reserves calculated on an energy basis. See Table 4-2. Liquid recovery ratios are not included because of those parameters changing with time.

b Natural gas liquids recoverable from solvent floods were not estimated for year-end 1997.

c Imperial equivalent in millions of barrels.

7 RESERVES OF SULPHUR

7.1 Provincial Summary

The Board estimates the remaining established reserves of elemental sulphur in the province as at 31 December 1997 to be some 72 million tonnes. The changes in sulphur reserves during the past year are as follows:

	Established Sulphur Reserves from Natural Gas	Established[a] Sulphur Reserves from Crude Bitumen	Total Established Sulphur Reserves
	10^6 t	10^6 t	10^6 t
Remaining at 31 December 1996	67.8	12.8	80.6
Additions during 1997	- 1.3	0.0	- 1.3
Production during 1997	6.4	0.7	7.1
Remaining at 31 December 1997	60.1 (59.1)[b]	12.1 (11.9)[b]	72.2 (71.0)[b]
Cumulative net production to 31 December 1997	175.2	9.7	184.9
Initial established reserves at 31 December 1997	235.3 (231.6)[b]	21.8 (21.5)[b]	257.1 (253.1)[b]

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[a] Recoverable reserves of elemental sulphur under active development at Suncor and Syncrude plants as of 31 December 1997.

[b] Imperial equivalent in millions of long tons.

7.2 Sulphur from Natural Gas

Sulphur stockpiles had accumulated at various gas plant sites in the province until 1978. When markets became available, these stockpiles were subsequently reduced from their peak in 1978 of 20.3 million tonnes to 2.4 million tonnes in 1991. Since then sustained low prices for sulphur have caused the resumption of stockpiling. The sulphur stockpiled at year-end 1997 was 9.8 million tonnes, some 0.1 million tonnes greater than at year-end 1996.

The Board's estimates of remaining established reserves of sulphur recoverable from gas have been prepared by applying the appropriate hydrogen sulphide (H_2S) content and sulphur recovery efficiency to the remaining established reserves of raw gas in each pool. Where sulphur is currently being recovered, historical recovery efficiencies have been used. Where sulphur recovery is anticipated from gas reserves not yet being produced, the recovery efficiency has been estimated on the basis of the minimum sulphur recovery efficiency guidelines published in the Board's Informational Letter IL 88-13. The remaining established reserves of sulphur for cycling schemes were determined from a detailed assessment of each pool and, because the H_2S content in the gas changes with time, only the remaining reserves are reported.

Of the 60.1 million tonnes of remaining sulphur recoverable from gas, some 51.1 million are in currently producing pools and the remaining 9.0 million are in unconnected pools. The unconnected reserves include some 4.1 million tonnes in pools considered beyond economic reach.

The Board's reserve estimates are shown in Table 7-1. Fields containing 800 000 tonnes or more of recoverable sulphur are listed individually and those containing less are grouped under **Other Small Reserves**. Sulphur reserves declined most notably in the Caroline, Kaybob South and Windfall fields as a result of production. However, sulphur production was not offset by reserves additions in most fields and subsequently the provincial remaining reserves of sulphur have decreased from 1996 levels.

7.3 Sulphur from Crude Bitumen

Crude bitumen in oil sands deposits contains significant amounts of sulphur. As a result of current upgrading operations in which bitumen is converted to synthetic crude oil, an average of 90 per cent of the sulphur contained in the crude bitumen is either recovered in the form of elemental sulphur or remains in products including coke.

It is currently estimated that some 259 million tonnes of elemental sulphur will be recoverable from the 6.4 billion cubic metres of remaining established crude bitumen reserves in the surface-mineable area. These sulphur reserves were estimated by multiplying the remaining established reserves of crude bitumen by a factor of 40.5 tonnes per thousand cubic metres of crude bitumen. In 1989, this ratio was revised from previous estimates to reflect both current operations and the expected use of high conversion, hydrogen addition upgrading technologies for the future development of surface-mineable crude bitumen reserves. Hydrogen addition technology yields a higher elemental sulphur production than does an alternative carbon rejection technology, as a larger percentage of the sulphur in the bitumen remains in upgrading residues as opposed to being converted to H_2S.

7.4 Sulphur from Crude Bitumen Reserves Under Active Development

Only a portion of the surface-mineable established crude bitumen reserves is under active development at the approved Suncor and Syncrude projects. The Board has estimated the initial established reserves of elemental sulphur for the Suncor and Syncrude projects at 21.8 million tonnes, of which 9.7 million tonnes of elemental sulphur have been produced, leaving a remaining established reserve of 12.1 million tonnes. During 1997, a total of 0.7 million tonnes of elemental sulphur were produced at the Suncor and Syncrude projects.

TABLE 7-1 Remaining Established Reserves of Sulphur
As at 31 December 1997

Field	Zone	Remaining Established Reserves of Raw Gas 10^6 m^3	H_2S Content[a] mol/mol	Recovery Efficiency[b] percentage	Remaining Established Reserves of Sulphur 10^3 tonnes
Benjamin	Mississippian	2 319	0.057	97	173
	Wabamun	1 070	0.441	98	627
	Subtotal				800
Blackstone	Beaverhill Lake	15 803	0.107	99	2 274
	Subtotal				2 274
Brazeau River	Mississippian	4 511	0.010	99	60
	Nisku[c]	-	-	-	1 752
	Subtotal				1 812
Caroline	Mississippian	1 603	0.008	99	17
	Leduc[d]	3 532	0.714	100[e]	3 421
	Beaverhill Lake	36 226	0.369	100[e]	18 132
	Subtotal				21 570
Coleman	Mississippian	3 825	0.279	99	1 433
	Wabamun	1 337	0.279	99	501
	Subtotal				1 934
Crossfield	Mannville	1 991	0.009	99	25
	Mississippian	4 897	0.006	99	40
	Wabamun	4 358	0.317	99	1 855
	Subtotal				1 920
Crossfield East	Wabamun	2 198	0.347	99	1 024
	Subtotal				1 024
Hanlan	Beaverhill Lake	16 450	0.093	99	2 043
	Subtotal				2 043
Jumping Pound West	Mississippian	15 987	0.063	97	1 322
	Subtotal				1 322

TABLE 7-1 (continued)

Field	Zone	Remaining Established Reserves of Raw Gas	H_2S Content[a]	Recovery Efficiency[b]	Remaining Established Reserves of Sulphur
		10^6 m^3	mol/mol	percentage	10^3 tonnes
Kaybob South	Triassic	946	0.008	99	10
	Nisku	2 142	0.201	99	577
	Beaverhill Lake[c]	-	-	-	1 467
	Subtotal				2 054
Limestone	Mississippian	5 973	0.041	99	329
	Wabamun	1 976	0.156	99	413
	Nisku	462	0.137	99	85
	Leduc	587	0.178	99	140
	Subtotal				967
Moose	Mississippian	3 208	0.114	99	490
	Wabamun	390	0.329	99	172
	Subtotal				662
Okotoks	Wabamun	2 318	0.320	99	996
	Subtotal				996
Pine Creek	Jurassic	945	0.002	99	2
	Triassic	206	0.004	99	1
	Mississippian	191	0.028	98	7
	Wabamun	1 565	0.285	99	599
	Leduc	546	0.202	99	148
	Beaverhill Lake	409	0.191	98	104
	Subtotal				861
Ricinus	Leduc	3 422	0.298	99	1 368
	Subtotal				1 368

TABLE 7-1 (continued)

Field	Zone	Remaining Established Reserves of Raw Gas	H_2S Content[a]	Recovery Efficiency[b]	Remaining Established Reserves of Sulphur
		10^6 m^3	mol/mol	percentage	10^3 tonnes
Waterton	Mississippian	11 814	0.195	99	3 095
	Wabamun	1 630	0.153	99	335
	Rundle-Wabamun[c]	-	-	-	361
	Subtotal				3 791
Subtotal					45 398
Other Small Reserves					14 658
Total Reserves					60 056 (59 107)[f]

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a Volume-weighted average.

b All recovery efficiencies are rounded to the nearest whole percentage.

c Includes gas-cycling pool. Gas reserves calculated on an energy basis. See Table 4-2. H_2S content is not included because of gas composition changing with time.

d Currently considered beyond economic reach.

e Recovery efficiencies are not rounded but consistent with report ERCB-AE 88-AA, ***Sulphur Recovery Guidelines for Sour Gas Plants in Alberta.***

f Imperial equivalent in thousands of long tons.

8 ULTIMATE POTENTIAL

8.1 Conventional Crude Oil

The Board issued ERCB 94-B[1] in early 1994 which provided a forecast of Alberta oil supply from all sources for the period 1994 to 2005. The ultimate potential of conventional crude oil is estimated at 3130 million cubic metres to reflect the Board's estimate of geological prospects.

The current relationship between the initial and remaining ultimate potential of conventional crude oil is illustrated below:

	10^6 m^3
Initial Established	2 452
Cumulative Production	2 125
Remaining Established	327
Yet to Be Established	678
Ultimate Potential	3 130
Remaining Ultimate Potential	1 005

Net annual additions (including reassessment of existing reserves) to Alberta's initial established crude oil reserves averaged 84 million cubic metres from 1956 to 1970, and about 27 million from 1971 to 1989 (Table 8-1, column 4). Net reserve additions from 1990 to 1994 have averaged only 16.7 million cubic metres per year, due in part, to substantial negative reassessments to older pools over the period. High levels of drilling activity over the past three years resulted in average net additions of 38 million cubic metres per year.

Figure 8-1 graphically depicts Alberta's historical growth in booked reserves and forecast of growth to the year 2040.

Columns 1 to 3 of Table 8-1 subdivide the annual reserve growth into three components: new discoveries, development and re-evaluation, and enhanced recovery. The method of subdividing the reserves has varied over the years such that differences in annual additions may result from the change in method. Starting in 1981, re-evaluation of enhanced recovery schemes has been included under **Development and Re-evaluation** rather than **Enhanced Recovery**. As a result, **Enhanced Recovery** now only represents commencement or expansion of enhanced recovery schemes.

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[1] Energy Resources Conservation Board 1994. ***Alberta Oil Supply, 1994-2005.*** ERCB Report 94-B. Calgary, Alberta

TABLE 8-1 Summary of Initial and Remaining Established Reserves of Conventional Crude Oil

As of Each Year-end
millions of cubic metres

	1	2	3	4	5	6	7	8
Year	**Initial Established**					**Production**		**Remaining Established**
	New Discoveries (Initial Year)	**Development and Re-evaluation**	**Enhanced Recovery**	**Net Additions**	**Cumulative**[a]	**Annual**	**Cumulative**[a]	
1956	3.5	78.5		82.0	554.1	22.8	105.7	448.4
1957	10.8	29.1		39.9	594.0	21.7	127.4	466.6
1958	1.3	-4.8	4.9	1.4	595.4	17.9	145.2	450.2
1959	14.3	37.2	16.0	67.5	663.0	20.5	165.7	497.2
1960	0.5	29.9	18.1	48.6	711.6	20.7	186.6	525.0
1961	1.7	31.5	24.5	57.5	769.1	25.1	211.5	557.6
1962	2.9	21.8	19.9	44.0	813.5	26.2	237.9	575.6
1963	14.6	12.6	29.2	56.6	870.0	26.8	264.6	605.4
1964	9.5	88.2	250.8	348.5	1 218.5	27.9	292.4	926.1
1965	28.6	42.6	-2.4	68.8	1 287.3	29.2	321.6	965.7
1966	89.1	13.5	38.3	140.8	1 428.1	32.2	353.9	1 074.2
1967	57.2	15.7	22.2	95.2	1 523.3	36.6	390.4	1 132.9
1968	62.0	14.8	42.9	119.8	1 643.1	39.8	430.3	1 212.8
1969	40.5	-44.5	58.5	54.5	1 697.6	44.4	474.7	1 222.8
1970	8.4	-7.6	36.1	36.7	1 734.3	51.7	526.5	1 207.9
1971	14.0	8.7	-0.8	22.1	1 756.4	56.4	582.9	1 173.6
1972	10.8	-5.6	14.8	20.0	1 776.5	67.4	650.0	1 126.0
1973	5.1	-6.0	10.2	9.2	1 785.7	83.3	733.7	1 052.0
1974	4.3	3.3	30.8	38.5	1 824.1	79.0	812.7	1 011.5
1975	1.6	2.1	3.3	7.0	1 831.1	67.5	880.2	950.9
1976	2.5	5.9	-27.0	-18.6	1 812.5	61.0	941.2	871.3
1977	4.8	5.1	9.2	19.1	1 831.6	60.4	1 001.6	830.0
1978	24.9	-1.9	1.4	24.4	1 856.6	60.0	1 061.6	794.5
1979	19.2	10.3	4.8	34.3	1 890.3	68.5	1 130.1	760.2
1980	9.0	5.2	8.6	22.8	1 913.2	63.2	1 193.3	719.9
1981	15.0	10.4	7.2	32.6	1 945.8	56.5	1 249.8	696.0
1982	16.8	-16.5	6.6	6.9	1 952.7	53.6	1 303.4	649.4
1983	21.4	24.8	17.9	64.1	2 016.8	55.6	1 359.0	657.8
1984	29.1	-11.2	24.1	42.0	2 058.8	59.2	1 418.2	640.7
1985	32.7	9.7	21.6	64.0	2 122.8	56.2	1 474.5	648.5
1986	28.6	-14.1	24.6	39.1	2 162.0	53.2	1 527.7	634.7
1987	20.9	1.6	10.5	33.0	2 195.0	53.9	1 581.6	613.8
1988	17.7	2.5	16.5	36.7	2 231.7	57.2	1 638.8	592.9
1989	17.0	-3.4	7.8	21.4	2 253.1	53.8	1 692.6	560.5
1990	12.8	-18.2	8.4	3.0	2 256.1	53.1	1 745.7	510.4
1991	10.2	-9.9	9.1	9.4	2 265.6	51.4	1 797.1	468.5
1992	9.0	15.3	2.8	27.1	2 292.7	53.6	1 850.7	442.0
1993	7.3	24.0	7.9	39.2	2 331.9	54.4	1 905.1	426.8
1994	10.5	-11.5	5.7	4.7	2 336.6	56.7	1 961.7	374.8
1995	10.2	35.5	9.2	54.9	2 391.5	55.7	2 017.5	374.1
1996	9.7	6.8	6.1	22.6	2 414.1	54.8	2 072.3	341.8
1997	8.5	24.8	4.2	37.5	2 451.7 (15.4)[b]	52.5	2 124.8	326.8 (2.1)[b]

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[a] Production figures may change as the result of future amendments to production reports.

[b] Imperial equivalent in billions of stock-tank barrels.

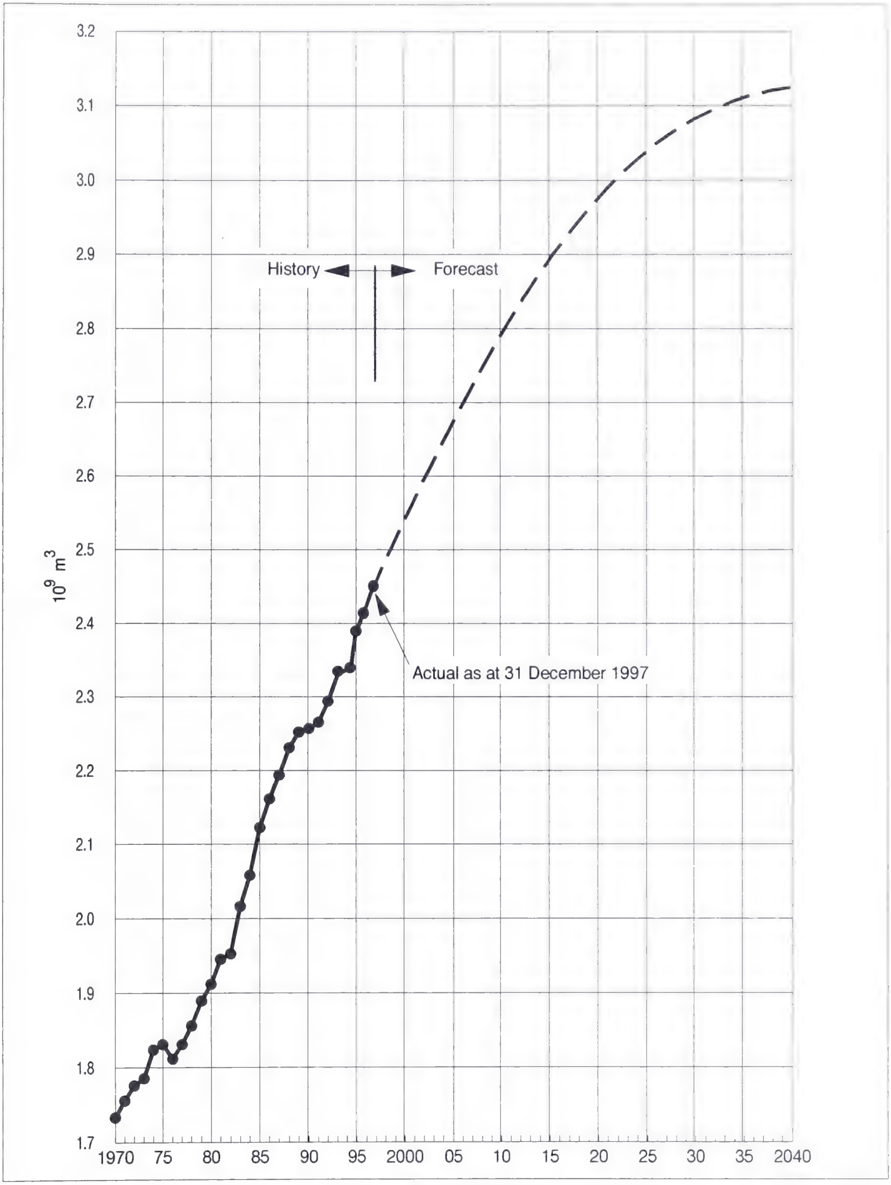

Figure 8-1 **Forecast Growth of Initial Established Reserves of Conventional Crude Oil**

8.2 Crude Bitumen and Synthetic Crude Oil

The Board estimates the ultimate volume of crude bitumen in place to be 400 billion cubic metres, consisting of about 24 billion in deposits that may eventually be amenable to surface mining, and the remainder in deeper deposits that will require the use of in situ recovery or underground mining techniques.

Although drilling and log analyses have indicated the potential ultimate volume of crude bitumen in place to be some 400 billion cubic metres, knowledge of quality variations and those effects on recovery potential are still very limited. In addition, for some deposits, particularly carbonates, little experimentation has been carried out to establish the expected recovery factor for this type of resource. For these reasons, those portions of the in-place volumes for the Cretaceous sand and Palaeozoic carbonate deposits, which will require the use of in situ recovery methods, were broken down into established and probable categories, and different recovery factors were applied to each category in establishing the ultimate potential of crude bitumen for the in situ areas. The recovery factors selected reflect the Board's current broad knowledge respecting the quality of the in-place reserves, the amount of experimentation done to date to establish recovery techniques, and a projection of improvements in those techniques in the future.

The ultimate potential of crude bitumen from Cretaceous sediments by in situ recovery methods is estimated to be some 33 billion cubic metres and from the carbonate sediments some 6 billion cubic metres. About 10 billion cubic metres are expected from within the surface-mineable boundary and represent the initial mineable volume in place after accounting for losses in mining and extraction and quantities inaccessible in environmental buffer zone areas. For current projects, it is also assumed that tailings ponds and discard sites will either be located on non-mineable areas or will be removed from the mineable areas in order to recover underlying economic mineable ore. The total initial ultimate potential amount of crude bitumen recoverable is therefore about 49 billion cubic metres.

The yield of synthetic crude oil (including butanes and heavier liquid product) from crude bitumen will vary with the upgrading technology used. Also, it will depend upon the extent to which external energy sources such as coal and natural gas are used to satisfy fuel requirements. The Board has revised the estimates of liquid yield expected from the upgrading and now considers an average yield factor of 1.0 cubic metres per cubic metre by volume can be achieved through the use of high conversion hydrogen addition upgrading technologies. However, in terms of ultimate synthetic crude oil reserves, hydrogen requirements would be extremely large, far exceeding estimated amounts that might be available by steam reforming of natural gas. Therefore, alternative sources of hydrogen such as from partial oxidation using coal, coke, or pitch residuum would have to be considered. Also, it is assumed that coal and natural gas may supply part of the fuel needs. On these assumptions, the ultimate potential amount of synthetic crude oil recoverable is estimated at 49 billion cubic metres with 10 billion attributable to surface mining and 39 billion to the in situ areas.

The relationship between the initial and remaining ultimate potential for crude bitumen is illustrated below:

	10^6 m^3
Initial Established	1 021
Cumulative Production	407
Remaining Established	614
Yet to Be Established	47 979
Ultimate Potential	49 000
Remaining Ultimate Potential	48 593

8.3 Marketable Gas

In June 1992, the Board released ERCB Report 92-A[2] which presented the results of its detailed review of Alberta's ultimate potential for marketable gas. This review took into consideration three important criteria: geological prospects, technology and economics. Having regard for the uncertainties in estimating geological prospects, and predicting technological and economic change, the Board adopted an estimate of 5600 billion cubic metres as Alberta's ultimate potential for marketable gas.

The relationship between the ultimate potential for marketable gas and the portion remaining to be recovered is illustrated below:

	10^9 m^3 at 37.4 MJ/m^3
Initial Established	3 817
Cumulative Production	2 503
Remaining Established	1 314
Yet to Be Established	1 783
Ultimate Potential	5 600
Remaining Ultimate Potential	3 097

Annual additions to established gas reserves averaged 76.9 billion cubic metres during the period 1956 to 1997 (Table 8-2, column 4). Reserve additions have fluctuated a great deal during this period because of changes in economic factors such as price, market opportunities, and drilling incentive programs, and also because of annual revisions to estimates of existing reserves.

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[2] Energy Resources Conservation Board, 1992. ***Ultimate Potential and Supply of Natural Gas in Alberta.***
ERCB Report 92-A. Calgary, Alberta

Columns 1 and 2 of Table 8-2 subdivide the annual reserves growth into two components: new discoveries, and development and re-evaluation.

For the years prior to 1978, the new discovery total includes only those reserves having initial established reserves of marketable gas equal to or greater than 300 million cubic metres.

Commencing in 1979 the new discoveries which are not booked in the year of discovery but in the following year are not accounted for under new discoveries. This effect may lead to a substantial understatement in the discoveries column and an overstatement in the development column. Occasionally, the reverse might be true where established reserves classified as new discoveries in a given year later prove to be extensions of earlier discoveries and the pools are coalesced.

In view of the above, the distribution of reserves between new discoveries and development should be used with caution.

The forecast growth in initial established reserves shown in Figure 8-2 reflects the Board's estimate of ultimate potential of 5600 billion cubic metres. The Board anticipates that the growth rate peaked in 1995 and will gradually decline to about 80 billion cubic metres per year by the turn of the century as opportunities for new discoveries diminish. While fluctuations in reserves growth during the forecast period will undoubtedly occur, the Board believes its forecast represents a reasonable scenario for use in forecasting and policy formation.

TABLE 8-2 Summary of Initial and Remaining Established Reserves of Marketable Gas

As of Each Year-end
billions of cubic metres

	1	2	3	4	5	6	7	8
Year	Initial Established				Production		Remaining Established[a]	
	New Discoveries (Initial Year)	Development and Re-evaluation	Net Additions	Cumulative[a]	Annual	Cumulative[a]	Actual[a]	37.4 MJ/m^3
1956	*	*	64.5	552.2	3.2	32.0	520.1	*
1957	*	*	64.9	617.1	3.8	35.8	581.7	*
1958	*	*	110.4	727.5	5.3	41.1	686.4	721.2
1959	*	*	88.5	816.0	7.1	48.2	767.8	809.8
1960	18.2	101.7	119.9	935.9	9.1	57.4	878.6	926.8
1961	9.6	3.7	13.3	949.2	11.9	69.3	879.9	930.5
1962	8.7	41.0	49.7	998.8	17.6	86.9	912.1	964.2
1963	3.1	32.7	35.8	1 034.7	19.6	106.5	928.2	980.0
1964	7.2	78.7	85.9	1 120.6	22.1	128.6	992.0	1 052.6
1965	11.3	78.4	89.7	1 210.4	24.2	152.8	1 057.6	1 129.6
1966	2.1	38.6	40.7	1 251.0	25.5	178.3	1 072.6	1 142.5
1967	24.3	49.6	73.9	1 324.9	27.5	205.8	1 119.1	1 189.6
1968	15.3	119.3	134.6	1 459.5	30.0	235.8	1 223.6	1 289.0
1969	18.6	68.9	87.5	1 547.0	37.8	273.6	1 273.4	1 342.6
1970	7.6	38.7	46.2	1 593.2	40.1	313.8	1 279.4	1 352.0
1971	4.8	40.6	45.4	1 638.6	48.5	362.3	1 276.3	1 346.9
1972	12.5	32.8	45.2	1 683.9	52.4	414.7	1 269.1	1 337.6
1973	7.8	175.6	183.4	1 867.2	56.0	470.7	1 396.6	1 464.5
1974	8.6	138.4	147.0	2 014.3	57.0	527.8	1 486.5	1 550.2
1975	0.8	20.0	20.8	2 035.1	56.6	584.3	1 450.8	1 512.8
1976	6.9	98.7	105.6	2 140.7	54.6	639.0	1 501.7	1 563.9
1977	6.6	120.9	127.6	2 268.2	61.0	700.0	1 568.3	1 630.3
1978	24.4	138.9	163.3	2 431.6	66.4	766.3	1 665.2	1 730.9
1979	16.4	106.8	123.2	2 554.7	70.0	836.4	1 718.4	1 783.1
1980	30.0	62.5	92.4[a]	2 647.1	63.9	900.2	1 747.0	1 812.1
1981	28.9	88.1	117.0	2 764.1	68.6	968.8	1 795.3	1 864.8
1982	10.6	108.1	118.7	2 882.8	60.9	1 029.7	1 853.1	1 924.6
1983	16.3	22.7	39.0	2 921.8	66.0	1 095.6	1 826.2	1 898.7
1984	9.6	30.9	40.5	2 962.3	68.3	1 163.9	1 798.4	1 872.2
1985	11.5	31.1	42.6	3 004.9	72.8	1 236.7	1 768.3	1 840.0
1986	9.2	12.6	21.8	3 026.7	69.9	1 306.6	1 720.1	1 790.3
1987	8.9	− 8.9	0.0	3 026.7	68.4	1 375.0	1 651.7	1 713.7
1988	13.9	50.7	64.6	3 091.3	88.6	1 463.5	1 627.7	1 673.7
1989	19.0	88.8	107.8	3 199.0	85.8	1 549.3	1 648.7	1 698.2
1990	28.0	59.8	87.8	3 286.8	90.1	1 639.4	1 647.4	1 694.2
1991	16.3	41.3	57.6	3 344.4	78.8[c]	1 718.2	1 626.2	1 669.7
1992	10.6	61.8	72.5[a]	3 416.9	104.0	1 822.1	1 594.7	1 637.6
1993	11.3	47.3	58.6	3 475.5	118.4	1 940.5	1 534.9	1 573.7
1994	28.4	45.8	74.2	3 549.7	118.8	2 059.3	1 490.3	1 526.3
1995	28.7	94.3	123.0	3 672.7	124.5	2 183.9	1 488.8	1 521.8
1996	18.1	− 7.2	10.9	3 683.5	121.6	2 305.5	1 378.1	1 410.1
1997	14.5	18.6	33.1	3 716.6 (131.9)[b]	127.3	2 432.7	1 283.9 (45.5)[b]	1 314.4 (46.7)[b]

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a Discrepancies are due to rounding.
b Imperial equivalent in trillions of cubic feet.
c Includes a solvent flood correction of − 9.6 billion cubic metres.
* Not available.

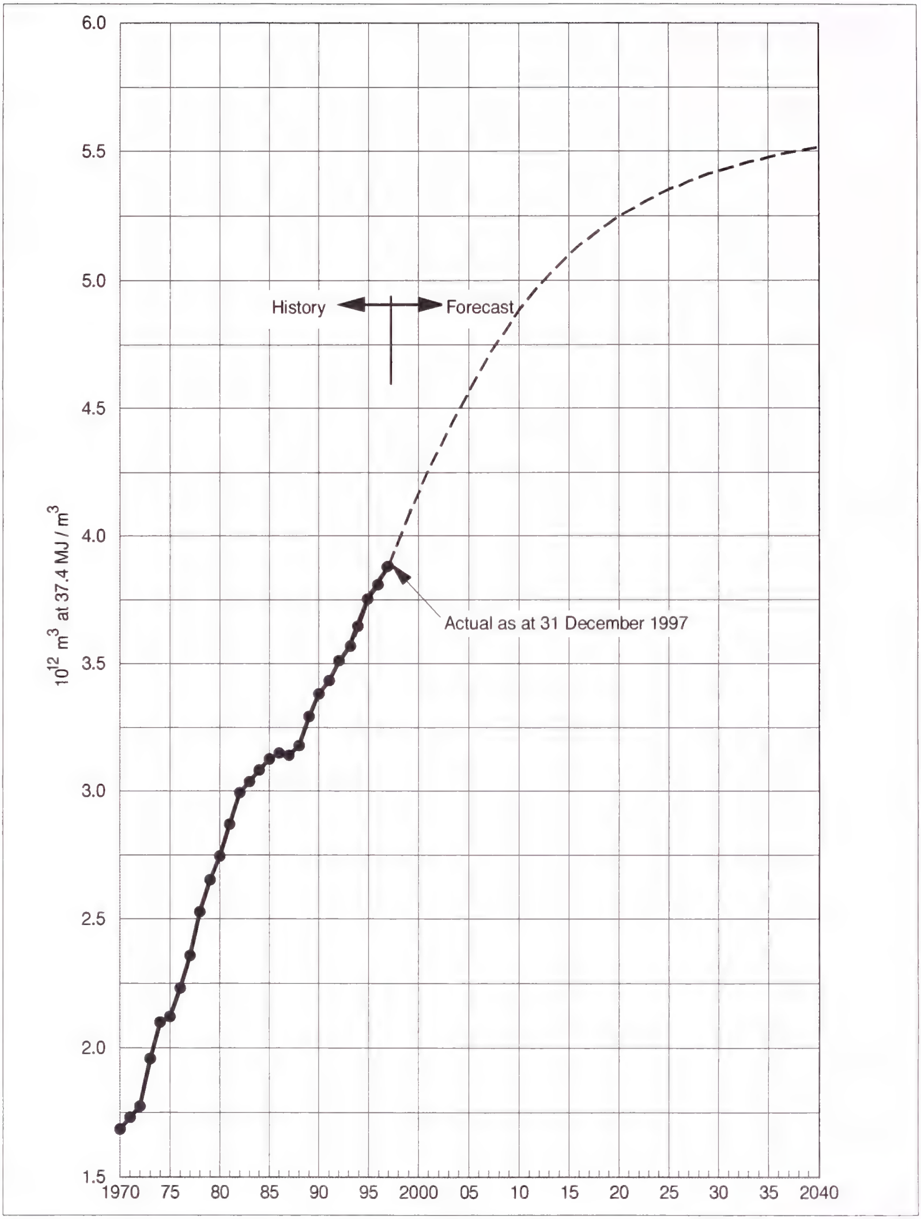

Figure 8-2 Forecast Growth of Initial Established Reserves of Marketable Gas

8.4 Ethane

In 1988 the Board adopted a new methodology for use in determining the co-product (ethane, natural gas liquids, and sulphur) content of future gas discoveries. The province is divided into areas which are geologically similar and within which the gas reserves established to date are a significant portion of those likely to be found in future. The co-product content of the gas found to date is calculated for each area and it is assumed that future discoveries in each of the areas will have co-product contents similar to the established reserves. In this manner the average co-product content of all future gas reserves is calculated.

The Board estimates that the ethane content of marketable gas yet to be established will be 190 cubic metres of ethane liquid per million cubic metres of marketable gas. The Board's estimate of ultimate potential of ethane was derived in 1992 by applying this ethane-to-gas ratio to its 1992 estimate of marketable gas yet to be established and adding the 1992 initial established reserves of ethane. This figure was then rounded to the nearest ten million cubic metres and set as the new ultimate potential for ethane.

The reserves, production, and ultimate potential for the ethane contained in marketable gas are shown below:

	10^6 m^3 (liquid)
Initial Established	701.4
Cumulative Production	432.4
Remaining Established	269.0
Yet to Be Established	328.6
Ultimate Potential	1 030.0
Remaining Ultimate Potential	597.6

The Board estimates that at least 65 per cent of the ethane contained in the remaining ultimate potential of marketable gas could be practically and economically recovered.

8.5 Natural Gas Liquids

Utilizing the methodology described in Section 8.4, the Board estimates that the propane, butanes, and pentanes plus contents of marketable gas yet to be established will be 75, 45, and 85 cubic metres (liquid) per million cubic metres of marketable gas, respectively. The Board's estimate of ultimate potential for natural gas liquids was derived in 1992 by applying these liquid-to-gas ratios to its 1992 estimate of marketable gas yet to be established and adding the 1992 initial established reserves of natural gas liquids. This figure was then rounded to the nearest ten million cubic metres and set as the new ultimate potential for natural gas liquids.

The reserves, production, and ultimate potential of natural gas liquids are shown below:

	Propane	Butanes	Pentanes Plus
	10^6 m^3 (liquid)		
Initial Established	261.5	151.1	335.6
Cumulative Production	170.1	99.2	240.5
Remaining Established	91.4	51.9	95.1
Yet to Be Established	148.5	98.9	164.4
Ultimate Potential	410.0	250.0	500.0
Remaining Ultimate Potential	239.9	150.8	259.5

8.6 Sulphur

8.6.1 Sulphur from Gas

Utilizing the methodology described in Section 8.4, the Board estimates that the sulphur content of marketable gas yet to be established will be 70 tonnes per million cubic metres of marketable gas. The Board's estimate of ultimate potential for sulphur was derived in 1992 by applying this sulphur-to-gas ratio to its 1992 estimate of marketable gas yet to be established and adding the 1992 initial established reserves of sulphur. This figure was then rounded to the nearest ten million tonnes and set as the new ultimate potential for sulphur.

In addition to the sulphur recoverable from "conventional" gas, there is also sulphur potentially recoverable from ultra-high H_2S pools. The Board's estimate of the ultimate potential for sulphur from ultra-high H_2S pools is 40 million tonnes.

The reserves, production, and ultimate potential for sulphur are shown below:

	Conventional	Ultra-high H_2S	Total
	10^6 tonnes		
Initial Established	232.2	3.1	235.3
Cumulative Production	175.2	0.0	175.2
Remaining Established	57.0	3.1	60.1
Yet to Be Established	97.8	36.9	134.7
Ultimate Potential	330.0	40.0	370.0
Remaining Ultimate Potential	154.8	40.0	194.8

8.6.2 Sulphur from Crude Bitumen

The Board estimates the ultimate potential of sulphur in Alberta's recoverable crude bitumen to be some 2200 million tonnes at year-end in 1997. This estimate was derived by applying a recovery ratio of 45.8 tonnes of sulphur per thousand cubic metres of bitumen to the 1992 year-end ultimate potential of crude bitumen of some 49 billion cubic metres. In 1989 the recovery ratio was revised to reflect the use of high conversion hydrogen addition technologies for upgrading the crude bitumen. Such technologies result in a higher sulphur recovery than do the alternative carbon rejection technologies because more of the sulphur in the bitumen is converted to H_2S as opposed to being left in the upgrading residues. The ratio reflects the recovery expected at future plants. Some 9.7 million of the 2200 million tonnes expected have been produced to the 1997 year-end.

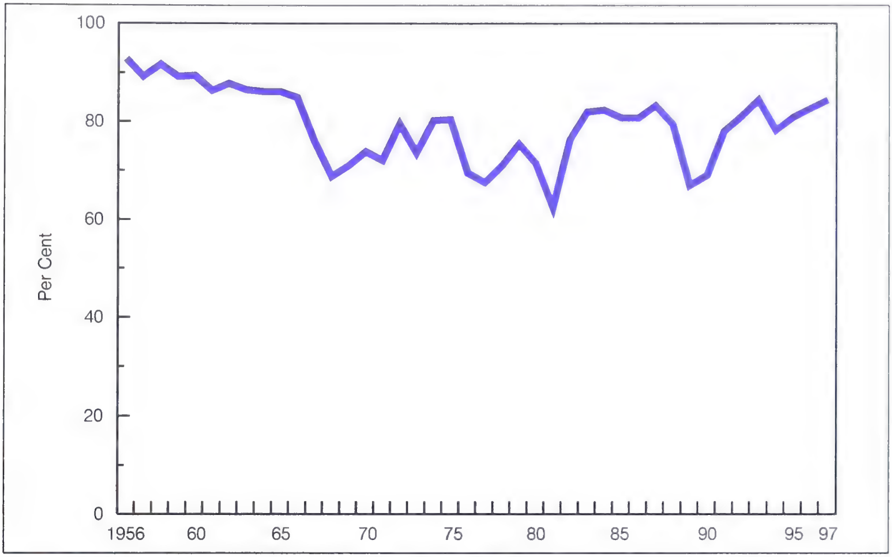

Figure A-1 Development Wells as a Per Cent of Total Development and Exploratory Drilling

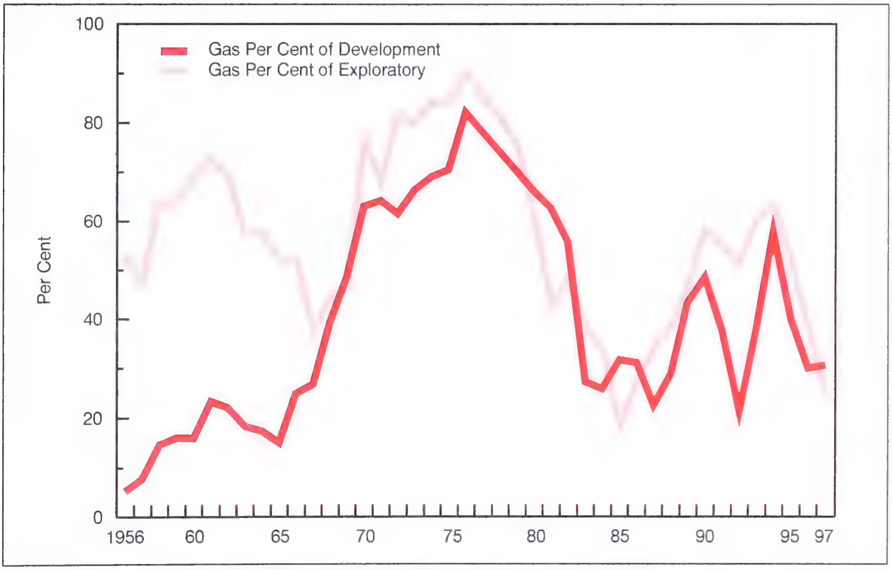

Figure A-2 Gas Well Per Cent of Total Development and Exploratory Drilling

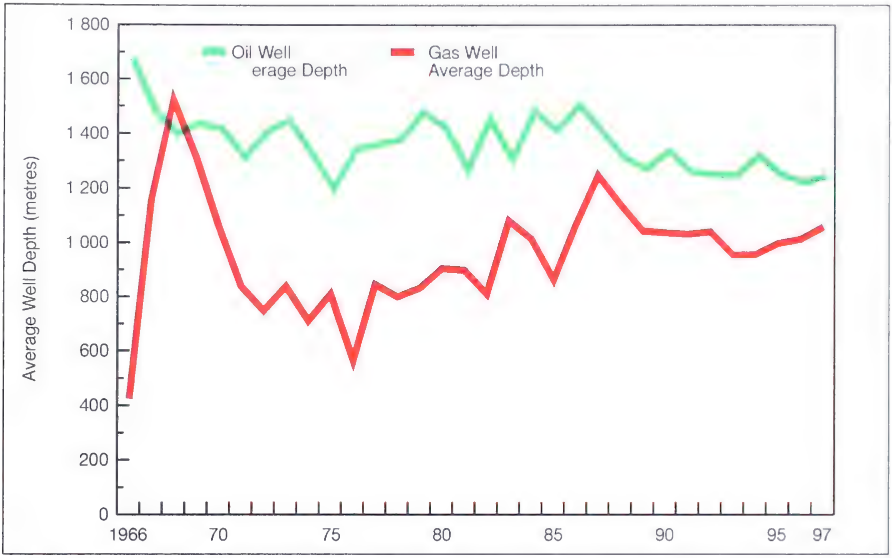

Figure A-3 Average Drilling Depth of Oil and Gas Development Wells

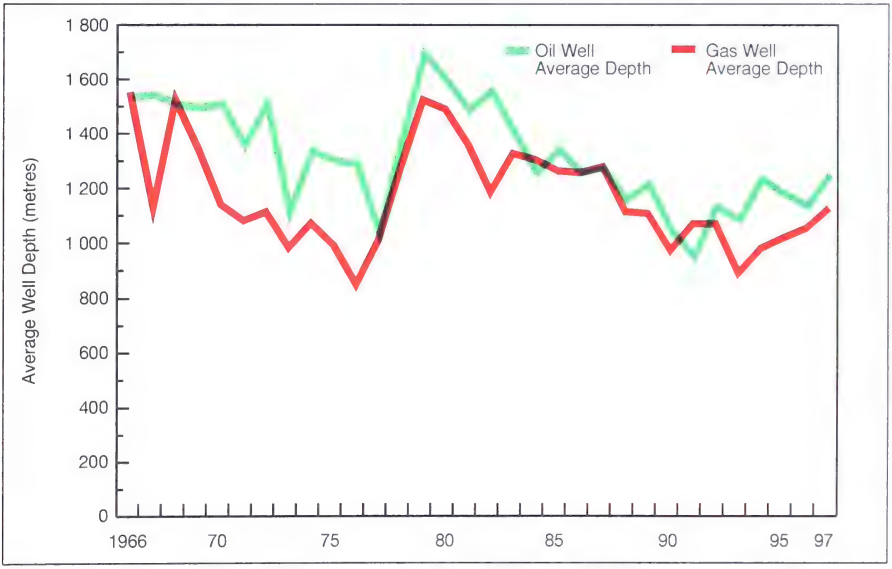

Figure A-4 Average Drilling Depth of Oil and Gas Exploratory Wells

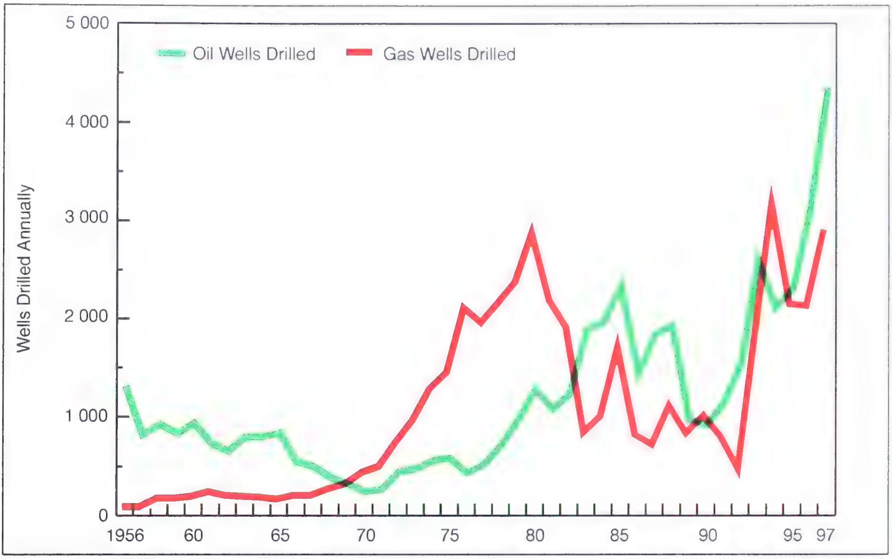

Figure A-5 Oil and Gas Development Wells Drilled Annually

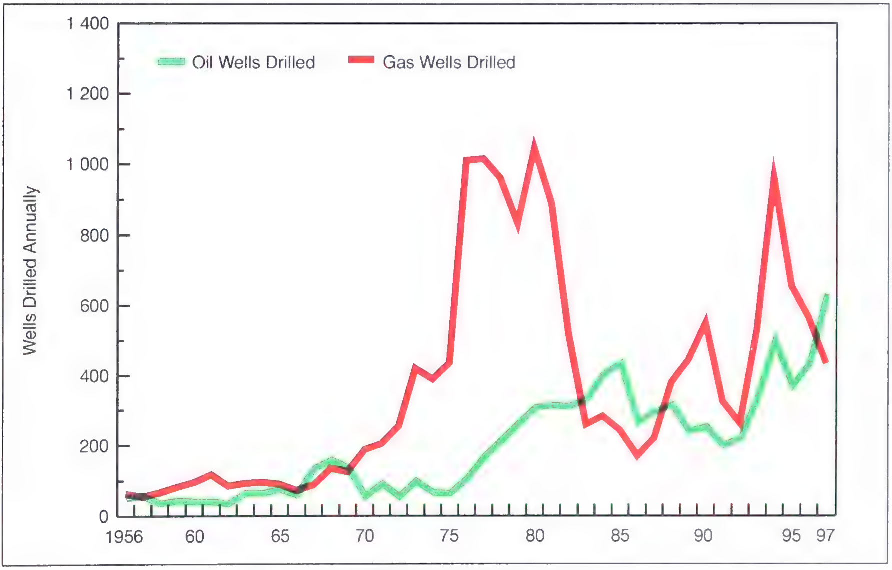

Figure A-6 Oil and Gas Exploratory Wells Drilled Annually

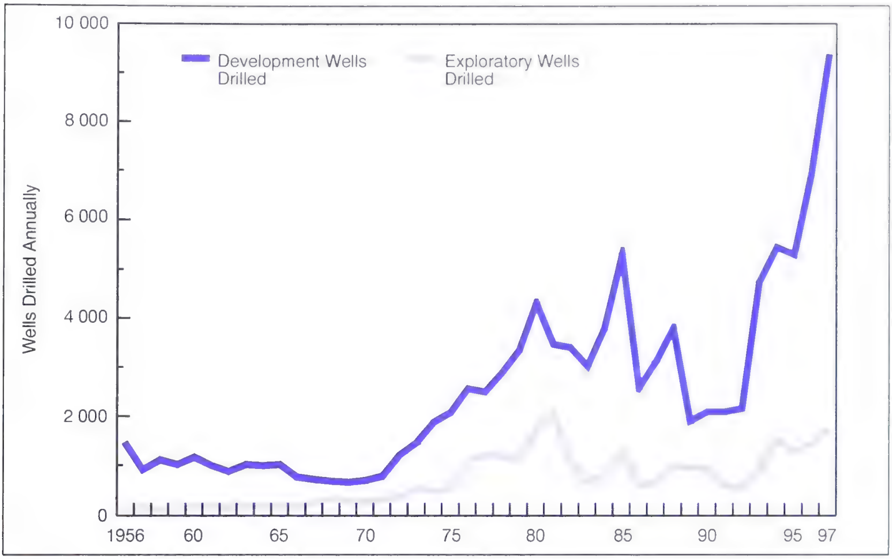

Figure A-7 Total Development and Exploratory Wells Drilled Annually

APPENDIX OIL, CRUDE BITUMEN, AND GAS DRILLING HISTORICAL DATA

This appendix presents historical data on development and exploratory drilling in Alberta to year-end 1997.

TABLE A-1

From 1956 to 1997 inclusive, 75 per cent of the development wells drilled in Alberta resulted in successful oil or gas wells compared to only 42 per cent for exploratory wells[1]. A few unsuccessful development wells were completed as water disposal and service wells.

Counts of crude bitumen wells have been tabulated from 1980 onward. Two types of crude bitumen development wells are shown, **Commercial** for those in commercial and primary recovery schemes, and **Experimental** for those in recovery-test schemes. Experimental wells are included in the development category because they are drilled into known oil sands deposits. Experimental well counts are not available prior to 1980. Up to 1983, commercial crude bitumen wells appear in the table in the oil well count.

Most of the crude bitumen exploratory wells are oil sands evaluation wells which are required to be abandoned. Also included are some exploratory wells licensed to obtain crude bitumen production. Oil sands evaluation wells also do not appear in any form in the table for the period prior to 1980.

Oil development drilling in 1997 continued its record setting pace exceeding last years' all time record level by 40 per cent and reaching past the 4 000 well level for the first time. For the second consecutive year, oil development drilling eclipsed the average over the past ten years, this time by 135 per cent. Gas development drilling was up 37 per cent over last year and only 8 per cent short of the record level established in 1994. For the fourth year in a row gas development drilling exceeded the 2 000 well level. Crude bitumen commercial drilling also surpassed last years all time record level by 22 per cent and exceeded the 2 000 well level for the first time.

Oil exploratory drilling, up 45 per cent over last years level, exceeded 600 wells for the first time and was almost double the average over the past ten years. Gas exploration was down 23 per cent from last year and 12 per cent below the average over the past ten years. Crude bitumen exploratory drilling was up 43 per cent over last year and at its highest level since 1981.

Overall, development and exploratory drilling was at an all time record level in 1997, easily exceeding last years' previous high by 27 per cent and exceeding the 13 000 well level for the first time.

TABLE A-2

A somewhat better measure of exploratory and development activity is the kilometres drilled annually in each category. Since 1966, these data have been further categorized to also show the number of kilometres drilled for successful oil and gas wells. The information in Table A-2 is thus closely related to that in Table A-1.

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[1] For the purposes of Tables A-1 and A-2, exploratory wells include deep pool tests, new pool wildcats, and new field wildcats. Outpost wells have been included in the development well totals.

TABLE A-1 Development and Exploratory Wells

number drilled annually, 1956-1997

	1	2	3	4	5
Year	Development				
	Successful				Total[a]
	Oil	Crude Bitumen		Gas	
		Commercial	Experimental		
1956	1 317	**	*	79	1 514
1957	818	**	*	73	1 020
1958	924	**	*	164	1 315
1959	834	**	*	164	1 170
1960	944	**	*	184	1 363
1961	741	**	*	231	1 188
1962	653	**	*	190	1 113
1963	803	**	*	186	1 255
1964	796	**	*	173	1 281
1965	843	**	*	155	1 366
1966	552	**	*	188	1 003
1967	506	**	*	190	953
1968	387	**	*	257	970
1969	324	**	*	311	901
1970	246	**	*	425	884
1971	269	**	*	489	1 085
1972	454	**	*	738	1 618
1973	480	**	*	961	1 970
1974	566	**	*	1 284	2 241
1975	597	**	*	1 443	2 408
1976	444	**	*	2 096	2 959
1977	530	**	*	1 941	2 813
1978	726	**	*	2 134	3 269
1979	984	**	*	2 352	3 892
1980	1 296	**	139	2 855	4 888
1981	1 107	**	173	2 173	4 006
1982	1 246	**	234	1 901	3 862
1983	1 907	**	268	836	3 457
1984	1 983	438	365	994	4 496
1985	2 343	980	270	1 694	6 288
1986	1 465	194	93	804	3 298
1987	1 865	377	144	712	3 865
1988	1 950	660	60	1 105	4 812
1989	995	38	28	823	2 451
1990	944	69	43	1 005	2 655
1991	1 168	91	19	789	2 711
1992	1 566	101	7	463	2 744
1993	2 608	290	17	1 804	5 595
1994	2 140	143	2	3 147	6 677
1995	2 324	833	5	2 132	6 477
1996	3 130	1 687	15	2 108	8 229
1997	4 383	2 051	10	2 892	10 842

---

a Includes unsuccessful, service, and suspended wells.

b Includes oil sands evaluation wells and exploratory wells licensed to obtain crude bitumen production.

* Not available.

** Included in Oil.

6	7	8	9	10	11	12	13
Exploratory				**Total**			
Successful			**Total**[a]	**Successful**			**Total**[a]
Oil	**Crude**[b] **Bitumen**	**Gas**		**Oil**	**Crude Bitumen**	**Gas**	
51	*	59	384	1 368	*	138	1 898
56	*	52	428	874	*	125	1 448
35	*	63	404	959	*	227	1 719
43	*	78	432	877	*	242	1 602
41	*	92	403	985	*	276	1 766
42	*	113	423	783	*	344	1 611
35	*	82	484	688	*	272	1 597
65	*	89	502	868	*	275	1 757
65	*	90	570	861	*	263	1 851
76	*	85	705	919	*	240	2 071
62	*	69	634	614	*	257	1 637
135	*	84	693	641	*	274	1 646
162	*	130	936	549	*	387	1 906
138	*	122	972	462	*	433	1 873
55	*	183	963	301	*	608	1 847
93	*	202	940	362	*	691	2 025
55	*	252	1 058	509	*	990	2 676
101	*	413	1 543	581	*	1 374	3 513
69	*	384	1 248	635	*	1 668	3 489
67	*	428	1 238	664	*	1 871	3 646
108	*	1 005	2 082	552	*	3 101	5 041
172	*	1 011	2 317	702	*	2 952	5 130
218	*	956	2 304	944	*	3 090	5 573
266	*	825	1 888	1 250	*	3 177	5 780
310	354	1 040	2 653	1 606	*	3 895	7 541
318	857	883	2 865	1 425	*	3 056	6 871
317	221	510	1 719	1 563	*	2 411	5 581
335	68	255	1 245	2 242	*	1 091	4 702
407	126	278	1 661	2 390	929	1 272	6 157
436	588	238	2 175	2 779	1 838	1 932	8 463
271	168	167	1 199	1 736	455	971	4 497
300	105	217	1 305	2 165	626	929	5 170
322	277	374	1 793	2 272	997	1 479	6 605
247	245	437	1 678	1 242	311	1 260	4 129
258	122	541	1 643	1 202	234	1 546	4 298
206	51	320	1 182	1 374	161	1 109	3 893
227	13	258	1 053	1 793	121	721	3 797
340	3	522	1 662	2 948	310	2 326	7 257
500	53	955	2 432	2 640	198	4 102	9 109
377	217	647	1 997	2 701	1 055	2 779	8 474
438	447	555	2 157	3 568	2 149	2 663	10 386
635	639	426	2 357	5 018	2 700	3 318	13 199

TABLE A-2 Development and Exploratory Wells

kilometres drilled annually, 1956-1997

	1	2	3	4	5
Year	Development				
	Successful				Total[a]
	Oil	Crude Bitumen		Gas	
		Commercial	Experimental		
1956	*	**	*	*	2 411
1957	*	**	*	*	1 553
1958	*	**	*	*	1 842
1959	*	**	*	*	1 969
1960	*	**	*	*	2 426
1961	*	**	*	*	2 385
1962	*	**	*	*	2 032
1963	*	**	*	*	2 266
1964	*	**	*	*	2 235
1965	*	**	*	*	2 142
1966	921	**	*	79	1 567
1967	748	**	*	219	1 420
1968	539	**	*	391	1 360
1969	464	**	*	408	1 254
1970	347	**	*	448	1 107
1971	352	**	*	406	1 219
1972	636	**	*	547	1 669
1973	692	**	*	800	2 204
1974	749	**	*	907	2 237
1975	714	**	*	1 159	2 340
1976	593	**	*	1 173	2 983
1977	720	**	*	1 624	2 961
1978	995	**	*	1 691	3 408
1979	1 452	**	*	1 936	4 141
1980	1 839	**	80	2 557	5 309
1981	1 401	**	85	1 934	4 169
1982	1 804	**	103	1 521	4 116
1983	2 482	**	112	896	4 248
1984	2 935	257	203	999	5 603
1985	3 302	579	155	1 443	7 353
1986	2 200	117	47	850	4 550
1987	2 627	209	80	883	5 252
1988	2 555	376	38	1 249	6 081
1989	1 259	24	17	851	3 339
1990	1 259	46	32	1 032	3 660
1991	1 468	62	12	805	3 497
1992	1 953	65	7	478	3 532
1993	3 244	193	16	1 704	6 788
1994	2 822	96	5	2 980	8 063
1995	2 898	623	6	2 099	7 474
1996	3 816	1 210	13	2 113	9 053
1997	5 431	1 564	9	3 031	12 163

---

a Includes unsuccessful, service, and suspended wells.
b Includes oil sands evaluation wells and exploratory wells licensed to obtain crude bitumen production.
c Discrepancies are due to rounding.
* Not available.
** Included in Oil.

6	7	8	9	10	11	12	13
Exploratory				**Total**			
Successful			**Total[a]**	**Successful**			**Total[a]**
Oil	**Crude[b] Bitumen**	**Gas**		**Oil**	**Crude Bitumen**	**Gas**	
*	*	*	665	*	*	*	3 077
*	*	*	724	*	*	*	2 278
*	*	*	712	*	*	*	2 554
*	*	*	725	*	*	*	2 694
*	*	*	737	*	*	*	3 163
*	*	*	724	*	*	*	3 109
*	*	*	744	*	*	*	2 776
*	*	*	723	*	*	*	2 989
*	*	*	917	*	*	*	3 152
*	*	*	1 038	*	*	*	3 180
95	*	107	958	1 016	*	186	2 526
208	*	95	996	957	*	314	2 416
244	*	198	1 386	783	*	589	2 746
206	*	164	1 410	670	*	572	2 667
83	*	208	1 295	431	*	656	2 402
126	*	218	1 227	477	*	624	2 446
83	*	280	1 402	719	*	828	3 071
112	*	404	1 650	805	*	1 204	3 854
92	*	410	1 419	841	*	1 318	3 655
87	*	423	1 309	801	*	1 582	3 649
139	*	846	1 892	732	*	2 619	4 875
178	*	1 016	2 288	897	*	2 640	5 250
300	*	1 219	2 718	1 295	*	2 910	6 126
450	*	1 256	2 771	1 902	*	3 192	6 912
494	71	1 550	3 261	2 333	151	4 107	8 570
473	124	1 202	2 810	1 874	209	3 136	6 979
493	27	603	1 920	2 297	130	2 124	6 036
472	11	338	1 528	2 954	123	1 234	5 776
511	19	362	1 846	3 446	479	1 361	7 449
584	96	300	1 975	3 886	829[c]	1 743	9 328
341	39	209	1 286	2 541	203	1 059	5 836
382	16	277	1 476	3 010[c]	305	1 160	6 728
373	65	414	1 797	2 928	479	1 663	7 877
300	32	482	1 623	1 558	74	1 332	4 963
269	18	523	1 507	1 528	96	1 555	5 167
195	14	340	1 200	1 663	88	1 145	4 697
257	4	274	1 095	2 210	75	753	4 627
368	2	461	1 637	3 612	210	2 165	8 425
616	11	928	2 572	3 439	112	3 908	10 635
445	49	655	2 017	3 343	677	2 755	9 491
497	140	581	2 040	4 313	1 363	2 694	11 093
794	138	478	2 141	6 225	1 712	3 509	14 305

TABLE A-3

In Table A-3, a completion event is counted as a well. Therefore, because some wellbores have more than one completion event, this table does not represent the actual number of wellbores in existence in each category listed.

Table A-3 shows the growth in the number of oil and gas wells operated. It excludes wells formerly capable but now abandoned.

Although the capped wells shown in column 5 have not been completed, many could be capable of production on short notice. In most cases, wells are capped until gathering or processing facilities are completed or the economics of production and marketing improves.

TABLE A-3 Completed and Capped Wells

cumulative totals, 1956-1997

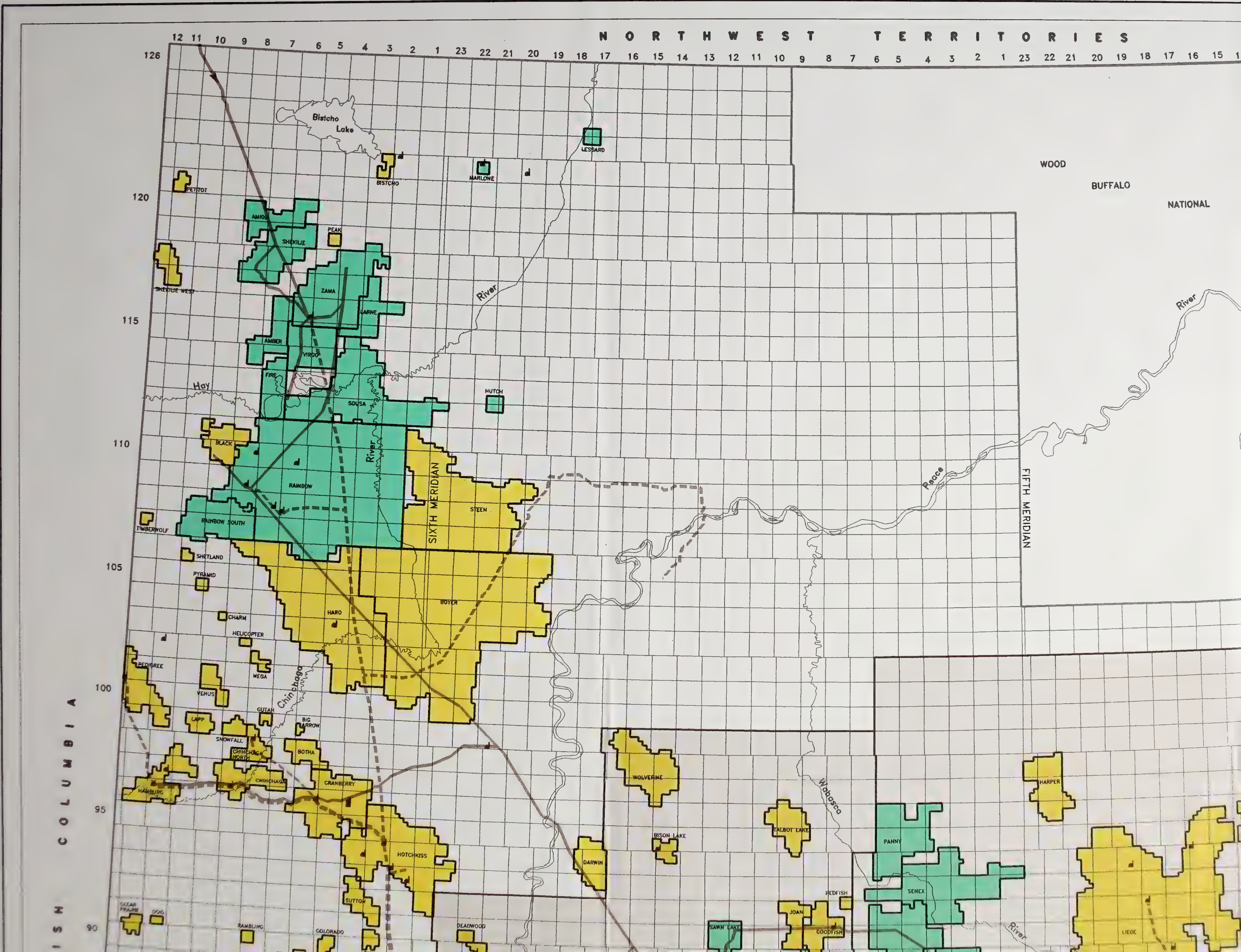
	1	2	3	4	5
Year	Oil Wells Completed		Gas Wells Completed		Capped
Gas	Capable[a]	Operated[b]	Capable[a]	Operated[b]	Wells[c]
1956	7 390	6 743	523	368	713
1957	8 016	7 136	585	422	766
1958	8 536	7 811	705	575	871
1959	9 217	8 281	830	681	981
1960	9 878	8 633	950	758	1 127
1961	10 529	8 938	1 088	894	1 314
1962	10 809	9 183	1 257	995	1 388
1963	11 437	9 217	1 437	1 213	1 466
1964	12 114	9 613	1 628	1 372	1 497
1965	12 771	8 736	1 800	1 502	1 515
1966	13 162	8 886	1 921	1 527	1 586
1967	13 473	9 116	2 065	1 647	1 666
1968	13 733	9 114	2 356	1 924	1 594
1969	13 897	9 381	2 692	2 194	1 601
1970	13 971	9 383	3 010	2 490	1 684
1971	14 065	9 467	3 426	2 830	1 801
1972	14 168	9 689	3 985	3 318	2 063
1973	14 368	10 028	4 536	3 769	2 551
1974	14 819	10 395	5 344	4 508	3 469
1975	15 177	10 708	6 670	5 704	3 935
1976	15 663	11 166	9 010	7 753	4 864
1977	16 224	11 592	12 529	10 806	6 023
1978	16 871	12 151	14 897	12 785	6 686
1979	17 673	12 805	17 173	14 760	8 268
1980	18 833	13 312	19 546	16 661	10 094
1981	20 072	14 243	22 611	18 797	11 593
1982	21 345	15 259	25 400	20 611	10 991
1983	23 182	16 694	27 125	21 881	10 835
1984	25 320	18 406	29 037	22 839	10 793
1985	27 830	19 957	30 255	24 424	10 957
1986	30 020	20 175	32 619	24 648	11 201
1987	31 929	22 347	33 570	25 453	11 292
1988	34 048	22 893	34 235	27 167	11 447
1989	36 890	24 139	35 431	27 051	11 551
1990	37 392	24 726	36 517	27 291	11 844
1991	38 143	24 676	37 232	27 998	11 476
1992	39 386	25 559	37 826	30 074	10 775
1993	41 496	27 170	39 472	31 362	10 232
1994	42 833	27 784	42 903	34 126	9 220
1995	44 619	29 395	45 021	34 458	8 562
1996	47 351	31 002	47 530	36 940	8 150
1997	51 241	33 143	51 212	39 687	7 541

---

a Includes wells which had been placed on production and were either operated, suspended, or shut in during December of each year, including crude bitumen wells, but excludes events used for injection.

b The number of events produced during December of each year.

c The number of events drilled and never placed on production and reported by the operator as capped as of 31 December of each year.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100
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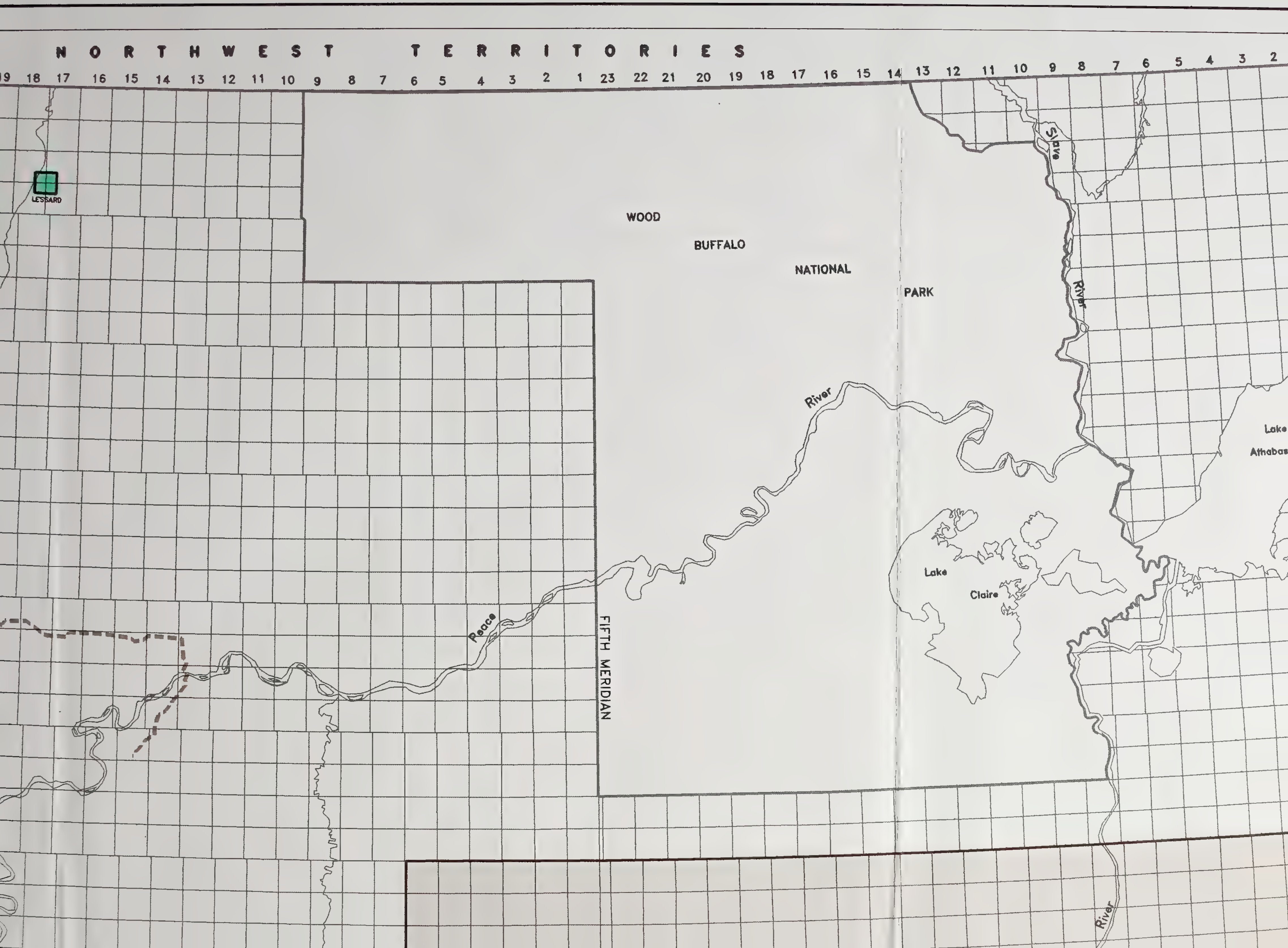
BISTCHO
MARLOWE
LESSARD
PETITOT
AMIGO
SHEKILIE
PEAK
SHEKILIE WEST
ZAMA
LARNE
AMBER
VIRGO
FIRE
SOUSA
HUTCH
Hay
River
BLACK
RAINBOW
RAINBOW SOUTH
TIMBERWOLF
SHETLAND
PYRAMID
SIXTH MERIDIAN
STEEN
HARO
BOYER
CHARM
HELICOPTER
PEDIGREE
MEGA
VENUS
Chinchaga
GUTAH
BIG ARROW
LAPP
SNOWFALL
CHINCHAGA NORTH
BOTHA
CHINCHAGA
HAMBURG
CRANBERRY
HOTCHKISS
SUTTON
CLEAR PRAIRIE
DOIG
RAMBLING
COLORADO
DEADWOOD
DARWIN
WOLVERINE
BISON LAKE
TALBOT LAKE
Wabasca
REDFISH
JOAN
GOODFISH
SAWN LAKE
PANNY
SENEX
HARPER
LIEGE
Peace
River
WOOD
BUFFALO
NATIONAL
FIFTH MERIDIAN
ISH COLUMBIA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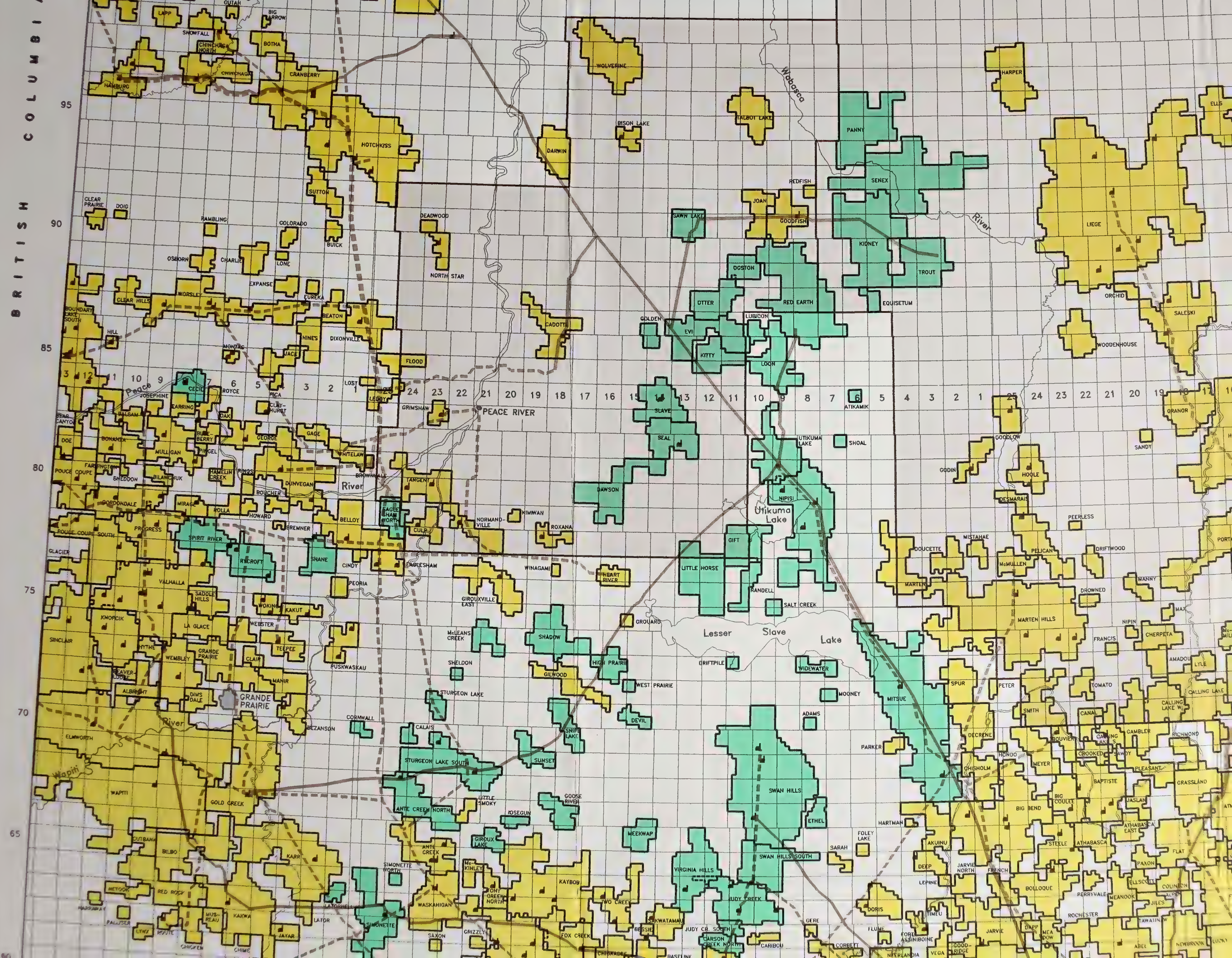
WOOD BUFFALO NATIONAL PARK
Slave River
Peace River
FIFTH MERIDIAN
Lake Claire
Lake Athabas
River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BIG ARROW
SNOWFALL
CHINCHAGA NORTH
BOTHA
CHINCHAGA
HAMBURG
CRANBERRY
HOTCHKISS
WOLVERINE
HARPER
ELLIS
TALBOT LAKE
BISON LAKE
PANNY
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JOAN
GOODFISH
SAWN LAKE
LIEGE
KIDNEY
TROUT
SUTTON
CLEAR PRAIRIE
DOIG
RAMBLING
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DEADWOOD
BUICK
OSBORN
CHARLIE
LONE
NORTH STAR
OGSTON
RED EARTH
EQUISETUM
ORCHID
SALESKI
EXPANSE
EUREKA
CLEAR HILLS
WORSLEY
BEATON
DIXONVILLE
HINES
CADOTTE
OTTER
LUBICON
GOLDEN
EVI
KITTY
LOON
WOODENHOUSE
BOUNDARY LAKE SOUTH
HILL
MONTAGNEUSE
JACK
FLOOD
CECIL
JOSEPHINE
ROYCE
Peace
EARRING
FICA
CLAY-HURST
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GRIMSHAW
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BONANZA
BLUEBERRY
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SHOAL
GOODLOW
SANDY
POUCE COUPE
FARMINGTON
SHEDDON
BILAWCHUK
HAMELIN CREEK
RINGS
DUNVEGAN
BROWNVALE
River
TANGENT
GODIN
HOOLE
DAWSON
NIPISI
Utikuma Lake
DESMARAIS
BOUCHER
HOWARD
MIRAGE
ROLLA
GORDONDALE
BELLOY
EAGLESHAM NORTH
CULP
BREMNER
KIMIWAN
NORMANDVILLE
ROXANA
PEERLESS
POUCE COUPE SOUTH
PROGRESS
SPIRIT RIVER
RYCROFT
SHANE
CINDY
EAGLESHAM
GIFT
DOUCETTE
MISTAHAE
PELICAN
DRIFTWOOD
PORTAGE
GLACIER
WINAGAMI
HEART RIVER
LITTLE HORSE
McMULLEN
MARTEN
MANNY
PEORIA
VALHALLA
SADDLE HILLS
GIROUXVILLE EAST
RANDELL
DROWNED
MAX
WOKING
KAKUT
SALT CREEK
KNOPCIK
LA GLACE
WEBSTER
GROUARD
Lesser Slave Lake
MARTEN HILLS
NIPIN
CHERPETA
SINCLAIR
HYTHE
TEEPEE
McLEANS CREEK
SHADOW
FRANCIS
WEMBLEY
GRANDE PRAIRIE
CLAIR
HIGH PRAIRIE
DRIFTPILE
WIDEWATER
AMADOU
LYLE
BEAVERLODGE
PUSKWASKAU
SHELDON
MANIR
GILWOOD
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SPUR
PETER
TOMATO
ALBRIGHT
DIMSDALE
GRANDE PRAIRIE
MOONEY
MITSUE
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STURGEON LAKE
SMITH
CALLING LAKE W.
River
DEVIL
ADAMS
CANAL
ELMWORTH
BEZANSON
CORNWALL
CALAIS
SNIPE LAKE
DECRENE
BOUVIER
CALLING LAKE S.
GAMBLER
RICHMOND
PARKER
SUNSET
STURGEON LAKE SOUTH
CROOKED
SANDY
Wapiti
CHISHOLM
HONDO
MEYER
PLEASANT
WAPITI
GOLD CREEK
LITTLE SMOKY
GOOSE RIVER
SWAN HILLS
BAPTISTE
GRASSLAND
ANTE CREEK NORTH
JOSEGUN
BIG BEND
BIG COULEE
JASLAN
ETHEL
HARTMAN
ATHABASCA EAST
MEEKWAP
GIROUX LAKE
ANTE CREEK
FOLEY LAKE
AKUINU
STEELE
ATHABASCA
CUTBANK
BILBO
KARR
SARAH
VIRGINIA HILLS
SWAN HILLS SOUTH
DEEP
JARVIE NORTH
FLAT
PAXON
SIMONETTE NORTH
McKINLEY
FRENCH
LEPINE
BOLLOQUE
ELLSCOTT
COLINTON
PERRYVALE
MEANOOK
JILES
KAYBOB
TONY CREEK NORTH
METOOK
RED ROCK
JUDY CREEK
TWO CREEK
DORIS
TIMEU
ROCHESTER
TAWATINAW
WASKAHIGAN
MUSREAU
KAKWA
LATOR
SIMONETTE
SAXON
GRIZZLY
FOX CREEK
SAKWATAMAU
BESSIE
JUDY CR. SOUTH
CARSON CREEK NORTH
CARIBOU
GERE
CORBETT
FLUME
FORT ASSINIBOINE
JARVIE
DAPP
MEADOW
NEWBROOK
LUCKY
PALLISER
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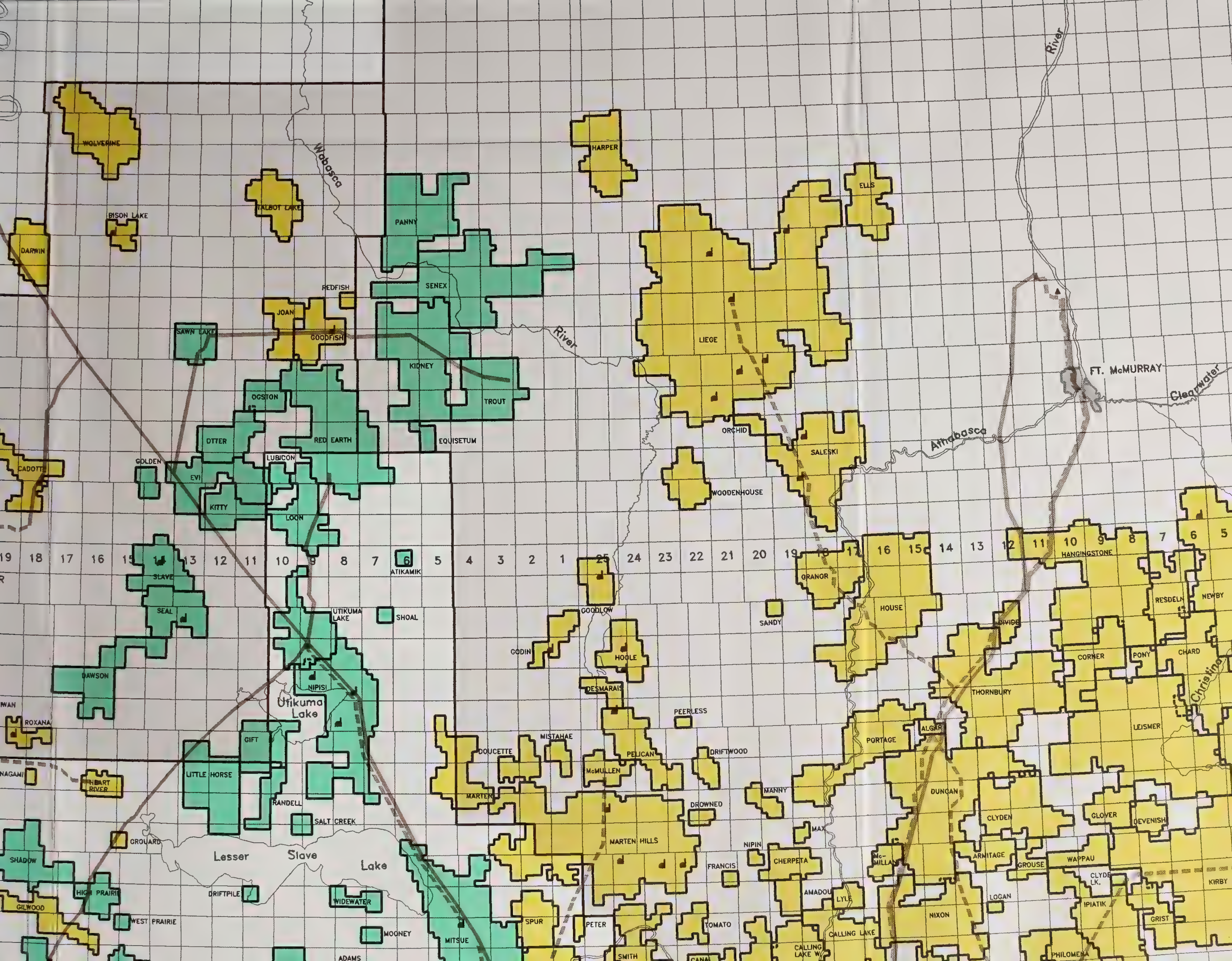
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River
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OTTER
RED EARTH
EQUISETUM
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CADOTTE
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ORCHID
SALESKI
WOODENHOUSE
FT. McMURRAY
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Athabasca
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GOODLOW
SANDY
GRANOR
HOUSE
HANGINGSTONE
RESDELN
NEWBY
DIVIDE
GODIN
HOOLE
DESMARAIS
DAWSON
NIPISI
Utikuma Lake
WAN
ROXANA
CORNER
PONY
CHARD
Christina
THORNBURY
PEERLESS
PORTAGE
ALGAR
LEISMER
MISTAHAE
DOUCETTE
PELICAN
DRIFTWOOD
GIFT
McMULLEN
NAGAMI
HEART RIVER
LITTLE HORSE
MARTEN
RANDELL
SALT CREEK
MANNY
DROWNED
DUNCAN
CLYDEN
GLOVER
DEVENISH
GROUARD
Lesser Slave Lake
MARTEN HILLS
MAX
NIPIN
CHERPETA
FRANCIS
Mc-MILLAN
ARMITAGE
GROUSE
WAPPAU
CLYDE LK.
KIRBY
SHADOW
HIGH PRAIRIE
DRIFTPILE
WIDEWATER
GILWOOD
WEST PRAIRIE
MOONEY
MITSUE
ADAMS
SPUR
PETER
SMITH
TOMATO
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AMADOU
LYLE
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CALLING LAKE
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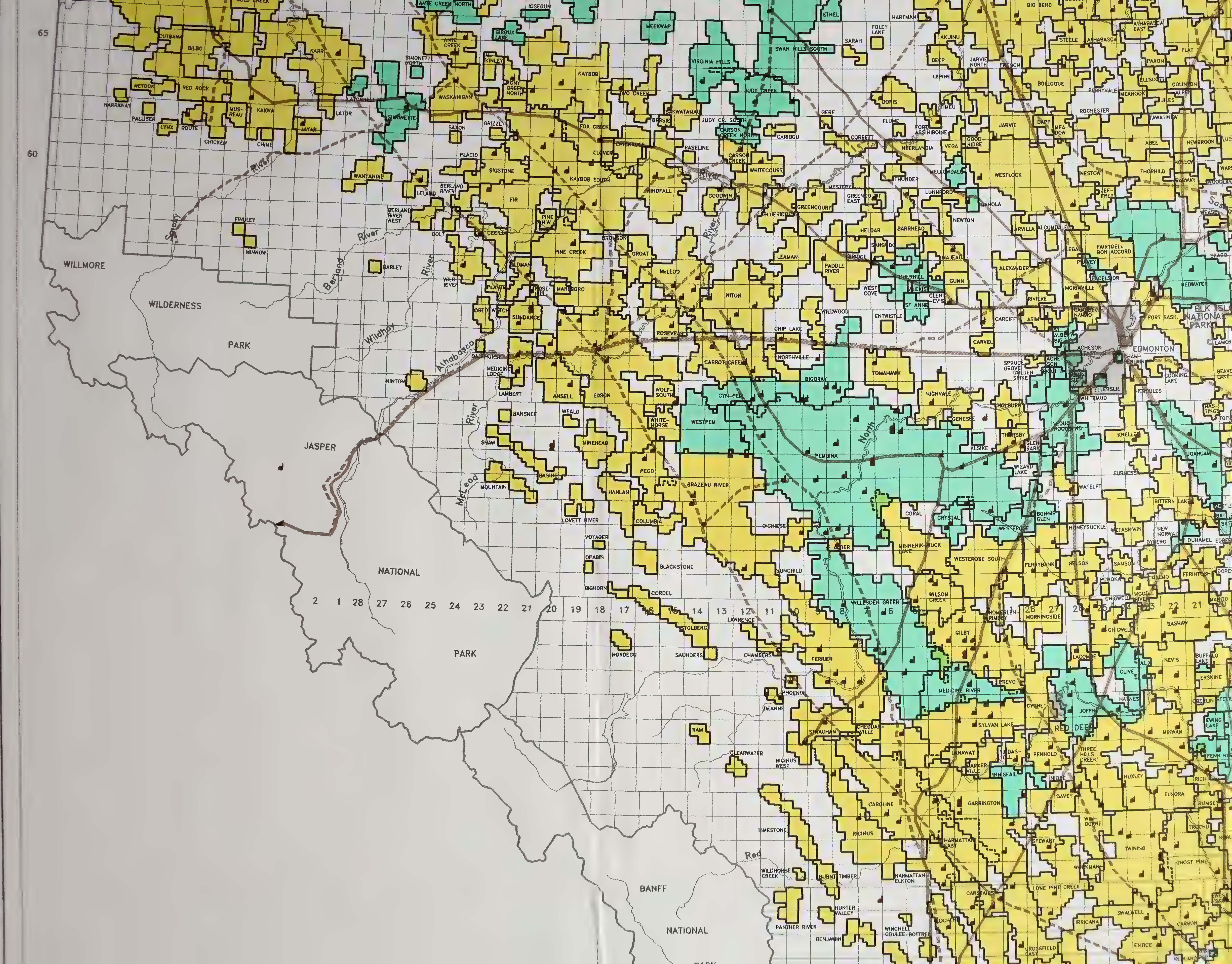
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ANTE CREEK NORTH
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GIROUX LAKE
ANTE CREEK
SIMONETTE NORTH
McKINLEY
VIRGINIA HILLS
SWAN HILLS SOUTH
SARAH
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AKUINU
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ATHABASCA
ATHABASCA EAST
FLAT
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CHIME
JAYAR
LATOR
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SIMONETTE
WASKAHIGAN
SAXON
TONY CREEK NORTH
KAYBOB
TWO CREEK
JUDY CREEK
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COLINTON
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GOODWIN
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GREENCOURT
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RADWAY
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OLDMAN
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LEDUC-WOODBEND
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SHAW
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THORSBY
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LIMESTONE
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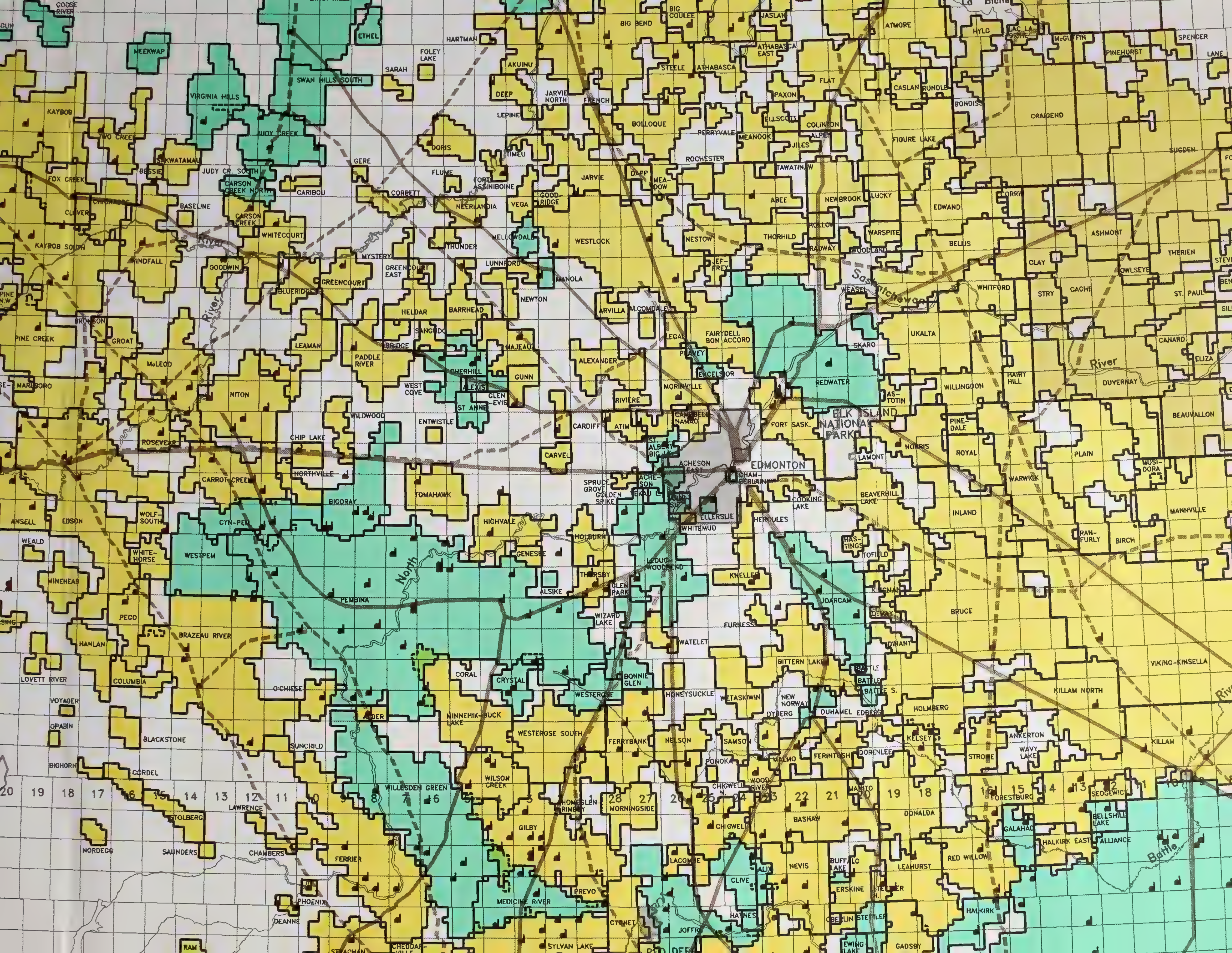
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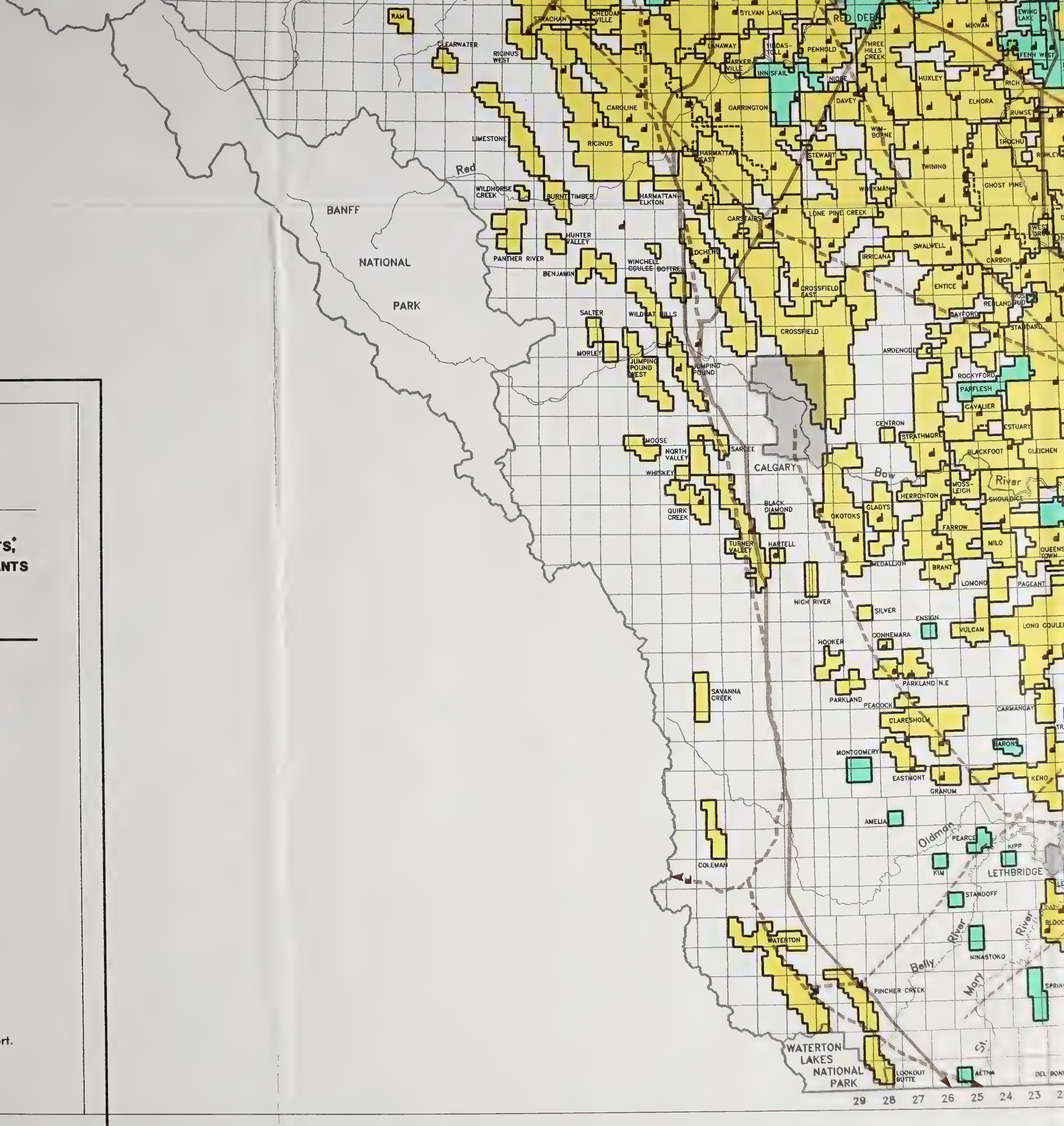


EUB Alberta Energy and Utilities Board

DESIGNATED OIL AND GAS FIELDS, OIL SANDS DEPOSITS,*
MAIN PIPELINES, REFINERIES AND GAS PROCESSING PLANTS
31 DECEMBER 1997
ALBERTA, CANADA

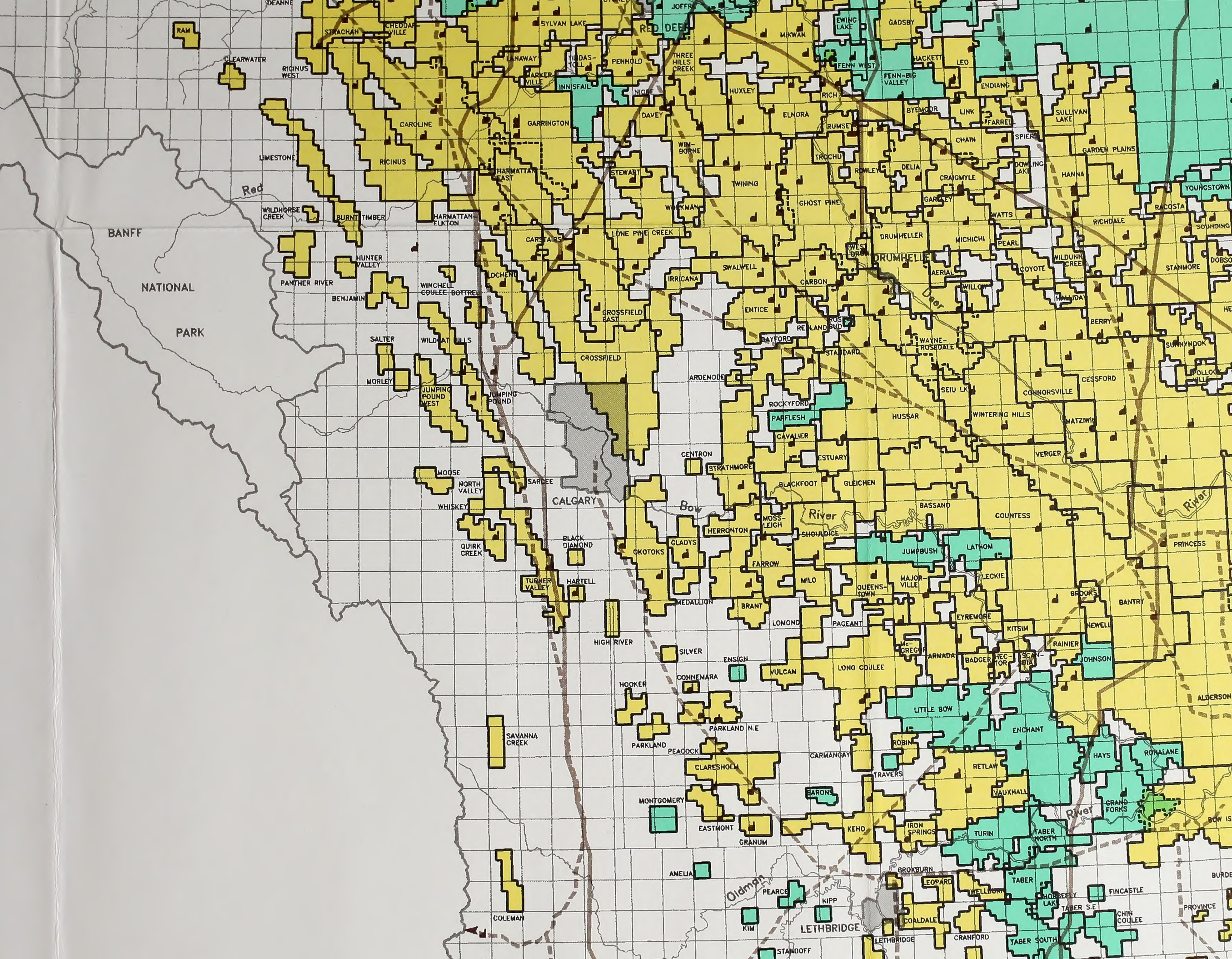
Field	– mainly oil	🟩
	– mainly gas	🟨
Deposit	– oil sands	⬜
Pipeline	– oil	—
	– gas	- - -
Oil Sands Processing Plant		▲
Oil Refinery		■
Gas Processing Plant (capacity in excess of 0.5 million cubic metres per day)		◢

km 10 0 10 20 30 40 50 60 70 km

miles 10 0 10 20 30 40 miles

* The Board's estimate of the reserves of the pools in the fields and deposits are published in the Statistical Series 98–18 report.

Note: The color of a field is based on the initial energy content of the oil and gas reserves in that field.
Certain information has been deleted in congested areas.



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RAM
CLEARWATER
RICINUS WEST
STRACHAN
CHEDDARVILLE
SYLVAN LAKE
JOFFRE
RED DEER
EWING LAKE
GADSBY
MIKWAN
LANAWAY
TINDASTOLL
PENHOLD
THREE HILLS CREEK
FENN WEST
FENN-BIG VALLEY
HACKETT
LEO
MARKERVILLE
INNISFAIL
NIOBE
HUXLEY
RICH
ENDIANG
SULLIVAN LAKE
CAROLINE
GARRINGTON
DAVEY
ELNORA
BYEMOOR
LINK
FARRELL
RUMSEY
SPIERS
CHAIN
WIMBORNE
TROCHU
ROWLEY
DELIA
DOWLING LAKE
GARDEN PLAINS
LIMESTONE
RICINUS
HARMATTAN EAST
STEWART
CRAIGMYLE
HANNA
TWINING
GHOST PINE
GARTLEY
YOUNGSTOWN
Red
WILDHORSE CREEK
BURNT TIMBER
HARMATTAN-ELKTON
WORKMAN
WATTS
RACOSTA
RICHDALE
SOUNDING
BANFF
LONE PINE CREEK
DRUMHELLER
MICHICHI
PEARL
CARSTAIRS
WEST DRUM
DRUMHELLER
WILDUNN CREEK
STANMORE
DOBSON
HUNTER VALLEY
NATIONAL
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BENJAMIN
WINCHELL COULEE
BOTTREL
Deer
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ENTICE
ROSEBUD
BERRY
PARK
CROSSFIELD EAST
REDLAND
SALTER
WILDCAT HILLS
GAYFORD
WAYNE-ROSEDALE
SUNNYNOOK
STANDARD
CROSSFIELD
POLLOCKVILLE
MORLEY
ARDENODE
CESSFORD
SEIU LK
CONNORSVILLE
JUMPING POUND WEST
JUMPING POUND
ROCKYFORD
PARFLESH
HUSSAR
WINTERING HILLS
MATZIWIN
CAVALIER
CENTRON
ESTUARY
VERGER
STRATHMORE
MOOSE
SARCEE
NORTH VALLEY
BLACKFOOT
GLEICHEN
CALGARY
WHISKEY
Bow
Bow River
BASSANO
COUNTESS
River
HERRONTON
MOSSLEIGH
SHOULDICE
PRINCESS
QUIRK CREEK
BLACK DIAMOND
GLADYS
JUMPBUSH
LATHOM
OKOTOKS
FARROW
LECKIE
MILO
MAJORVILLE
QUEENSTOWN
TURNER VALLEY
HARTELL
BROOKS
BANTRY
MEDALLION
BRANT
EYREMORE
LOMOND
PAGEANT
NEWELL
KITSIM
HIGH RIVER
RAINIER
McGREGOR
ARMADA
BADGER
HECTOR
SCANDIA
SILVER
JOHNSON
ENSIGN
VULCAN
LONG COULEE
CONNEMARA
HOOKER
ALDERSON
LITTLE BOW
ENCHANT
PARKLAND N.E
SAVANNA CREEK
PARKLAND
PEACOCK
ROBIN
HAYS
RONALANE
CLARESHOLM
CARMANGAY
RETLAW
TRAVERS
VAUXHALL
MONTGOMERY
BARONS
GRAND FORKS
River
BOW ISLAND
EASTMONT
KEHO
IRON SPRINGS
TURIN
TABER NORTH
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BROKBURN
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